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DTIC FORM 70A

DOCUMENT PROCESSING SHEET

DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

FAIRCHILD AFB WA

N 47 38 W 117 39 FLD ELEV 2462 FT SKA

WBAN# 24114 WMO#

PARTS A-F
POR FROM HOURLY OBS: JUN 69 - MAY 79
POR FROM DAILY OBS: JUN 49 - MAY 79

TIME CONVERSION GMT TO LST: -8

DEC 2 1 1979

Approved for public release; distribution unlimited

ASHEVILLE, N. C.

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Review and Approval Statement

This report is approved for public release. These is no objection to unlimited distribution of this report to the public at large, or by DTIC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

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FOR THE COMMANDER

WALTER S. BURGMANN Scientific & Tehonical

Information Officer

2 7 FEB 1980

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

SECURITY CLASSIFICATION OF THIS PAGE (When Date	Entered)	
REPORT DOCUMENTATION	PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
I. REPORT NUMBER	2. GOVT ACCESSION	
USAFETAC/DS-80/009		
4. TITLE (and Subtitle)	<u></u>	5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Observations (RUSSWO)-Fairchild,	Weather AEB Spoker	Final rept.
Washington (RUSSWO) - Fairchillu,	Arb, Spokar	6. PERFORMING ORG. REPORT NUMBER
7 AUTHOR(#)		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS	,	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
USAFETAC/OL-A		
Air Force Environmental Technical A Scott AFB IL 62225	ippl. Center	
11. CONTROLLING OFFICE NAME AND ADDRESS		12. REPORT DATE
USAFETAC/CBD		21 Dec 79
Air Weather Service (MAC)		13. NUMBER OF PAGES
Scott AFB IL 62225		p.
14. MONITORING AGENCY NAME & ADDRESS(II dillerer	ut from Controlling Offi	ce) 15. SECURITY CLASS. (of this report)
		UNCLASSIFIED
		15. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report)		
17. DISTRIBUTION STATEMENT (of the abstract entered	In Block 20, If differen	nt from Report)
18 SUPPLEMENTARY NOTES 19 KEY WORDS (Continue on reverse side II necessary as	ad Marth by Mark	- h-a)
*RUSSWO Daily tempera	· -	•
		Atmospheric pressure Extreme surface winds
Snowfall Extreme snow Climatology Sea-level pre	•	Sychrometric summary
Surface Winds Extreme tempe		Ceiling versus visibility
Relative humidity *Climatologica		(over)
20. ABSTRACT (Continue on reverse side if necessary an		
This report is a six-part statistic		
Fairchild AFB, Spokane, Washi It contains the following parts: (A (B) Precipitation, Snowfall and Sno (C) Surface winds; (D) Ceiling Vers Summaries (daily maximum and minimutemperatures, psychrometric summary	w Depth (dail) us Visibility m temperature:	/ amounts and extreme values); ; Sky Cover; (E) Psychrometric ; extreme maximum and minimum
dryshill tamposting mann and att	UI WEL-DUID 1	remperature depression versus
dry-bulb temperature. means and sta	ngarg deviatio	ons of dry-bulb, wet-bulb (over)

DD 15AN 3 1473

- 19. Percentage frequency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables
 - * Washington

*Fairchild AFB, WA

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

NOTE:

COLD FOG DISSIPATION OPERATIONS WERE CONDUCTED AT FAIRCHILD AFB DURING THE WINTERS OF 1967-68 THROUGH 1973-74, BUT ARE NOT BELIEVED TO SIGNIFICANTLY ALTER THE STATISTICS PRESENTED.

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled bourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, susmary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hodrly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART & PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -

(DRY BULB, WET BULB, & DEW POINT) .

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-bour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1700, 1500-1700, 1500-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month suring the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
PERRUARY	MAY	AUGUST	NOVENBER
MARCE	JUNE	SEPTEMBER .	DECENGER_

24114	FAIRCHILD AFB/SPOKANE WASH	11101011		738 Ì	W 117 39	2462	1 6	CA I	
	STATION LOCATION	ON A							
NUMBER OF OCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LO		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT) HT. BARD.		OBS PER DAT
1 Spokane 2 Fairchir 3 Same 4 Same 5 Same 6 Same		AFB Same Same Same Same	Jun 49 Mar 53 Apr 54 Apr 58 Mar 59 Apr 67	Feb 53 Mar 54 Mar 58 Feb 59 Mar 67 May 79	N 47 37 Same Same Same Same N 47 38	W 117 39 Same Same Same Same Same	2459 2449 2472	2433 ft Same Same Same 2437 ft. Same	24 24 24 24 24 24
IUMBER DATE OF OF	SURFACE WIND								
OF OF CHANCE	LOCATION		TYPE OF TRANSMITTE	TYPE OF RECORDER	NT ABOVE CROWND	REMARKS. ADE	HTIONAL EQUIP	MENT. OR HEAS	on for chance
1 Jun 49 2 Mar 53 3 Mar 54 4 Apr 55 5 Aug 57 6 Apr 58 7 Mar 59 8 Mar 60 9 Apr 61	N/A Located on top of control to Same Located on roof of tower Same Located opposite touchdown Located 700 ft from rnwy 05 Located 800 ft from rnwy 05 Located 850 ft from center and 1500 ft from touchdown 23	rnwy 23 -23 -23 of rnwy	Same Same	N/A ML-1440 ML-1441 ML-1444 Same RO-2 Same Same					

MANDER	DA.:	SURFACE WIND EQUIPMENT INF	BOITANE			
OF LICATION	OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE CROUND	REMARKS, ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
10 11	Apr 62 Apr 63	Same 1. Located 850 ft from center of	Same	Same	11 ft	
	y	rnwy and 1500 ft from touchcown on rnwy 23 2. Located 500 ft from center of rnwy and 1000 ft from touchdown	Same	Same	Same	
12	Nov 66	on rnwy 05 1. Located 800 ft from centerline	Same	Same	Same	
		and 1800 ft SE of end of rnwy 23 2. Located 500 ft from centerline	Same	Same	13 ft	
13	Jan 70	and 1250 ft NE of rnwy 05 1. Located 1000 ft from centerline		Same	23 ft	
		and 2200 ft SE of end of rnwy 23 2. Located 500 ft from centerline and 1300 ft NE of end of rnwy 05	GMQ-20 Same	RO-362	13 ft 23 ft	.•
14	May 79	1. Same 2. Same	Same Same	Same	13 ft 23 ft	·
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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By mouth and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms . listed below:

Thunderstorms - All reported occurrences of thunderstorm, torm , and waterspout.

Rain and/or drissle - All liquid precipitation, falling to the ground, not freesing.

Freezing rain end/or freezing drissle (glase) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or hase - Occurrences of smoke, haze, or combinations of smoke and hase are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Neverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Parcentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision meed not reflect the total observations with reduced visibility.

WEATHER CONDITIONS

24114

FAIRCHILD AFB WA

73-79

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STATION

STATION NAME

YEARS

HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING BAIN & /OR DRIZZLE	SHOW AND/OR SLEET	HAR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. CF OBS.
JAN	-0-02		4.8	1.7	16.2		22.	29.2	•1	• 3		29.6	936
	63-05		4.5	1.6	15.6		21.1	30.9		• 3		31.2	930
	.6-08		5•6	1.4	29.3		26.2	33.7		• 3		33.9	930
	.9-11		3.9	1.7	22.6		27.6	37.4		• 4		37.7	930
	12-14		5.4	• 5	19.8		24.9	31.6	•2	.1	•1	31.9	939
	15-17		5.6	•9	13.2		19-1	30.0	•1		• 3	33.3	930
	18-2.		5+2	1.5	13.9		19.6	27.5				27.5	938
	21-23		5•2	1.3	14.7		25.2	23.1				28.1	930
	_												
TOTALS			5 . 0	1.3	17.0		22.6	31.1	•1	42	•1	31.3	7440

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STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	J 0- 02		7.3	1.2	10.8		18.4	21.6			•1	21.7	846
	33-05		7.8	1.2	11.3	-	19.5	23.8		• 4		24.1	846
	36-08		7.6	1.4	15.0		23.5	28.7	• 2	. 4	• 1	29.0	846
	39-11		6.3	• 5	14.4		20.7	28.4	•7	• 2	•1	28.8	846
	12-14		5.9	.4	11.2		16.8	18.8	• 5	•1	•1	19.4	846
	15-17	.1	6.1	• 5	6.5		12.5	11.3	• 7		• 4	12.2	846
	18-23		8.9	•9	6.9		15.8	13.4	•2		• 5	13.8	846
	21-23	.1	8.5	• 5	9.1		16.7	15.2	•1		•2	15.6	846
													
TOTALS		.0	7.3	.8	10.7		17.9	20.2	•3	•1	•2	20.6	6768

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WEATHER CONDITIONS

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FAIRCHILD AFB WA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	.C-02		6•2	•1	4.2		10.1	6.5				6.5	930
	03-05		6 • C	•1	6 • 1	1	11.5	10.5				10.5	930
	36-08		4.3	•1	6.2		10.5	13.2	•1		•1	13.3	930
	39-11	•1	5.5		5 • 8		11.0	9.1	•1			9.1	930
	12-14		8.5		5 • 3		12.7	4.4		• 3	•2	4.9	930
	15-17		8 • 4		5 • 1		12.6	3.4		• 2	1.1	4.7	930
	18-20		7.8		3.1		8.9	2.3			• 5	2.8	930
	21-23		6•9		3.7		9.7	3.7			•1	3.8	930
TOTALS		•0	6•6	•0	4.9	·	10.9	6.6	•0	•1	•3	7.0	7440

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	50-02		5•8		1.7		7.2	2.0			•2	2.2	900
	ú3 − 05		5.7		1.4		7.0	4.3			•2	4.6	899
	C6-08		7.1		1.6		8.5	8.0	•2			8•2	899
	29-11		7.2		1.4		7.9	2.2	•1		•2	2.6	900
	12-14		7.1		1.6	•1	8 • 4	• 7			•1	. 8	900
	15-17	• 4	8.4		1.3		9.3	1.3			• 4	1.8	900
	18-20	.7	7.0		• 9		7.7	• 9			•1	1.0	900
	21-23	•1	5.9		•8		6.3	•7			• 3	1.0	900
													.
TOTALS		•2	6.8		1.3	•0	7.8	2.5	•0		•2	2.8	7198

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	30-02		6•1		• 1		6.1	• 3			•2	• 5	930
	03-05		7.4				7.4	2.7				2.7	930
	J6-08		8.0				8.0	3 • 8				3.8	930
	39-11	.1	9.4		• 3		9.6	1.1				1.1	930
	12-14	•2	8.4		• 3		8.5	•1				•1	930
	15-17	1.1	7.4		• 4		7.5	• 3			• 5	• 9	928
	18-23	• 5	6.9		•1		6.9	•3			.8	1.1	927
	21-23	•1	5.6				5•6	•8•			•3	1.1	926
						, -							
TOTALS		.3	7.4		• 2		7.5	12			• 2	1.4	7431

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
אטע	JO-02	1.1	5.4				5 • 4	• 8			• 3	1.1	900
	≟3 − 05	• 4	6∙0				6.3	1.4				1.4	900
	. 6-08	•1	6.7				6.7	1.9				1.9	900
	09-11	•2	6.8				6.8	• 4				.4	900
	12-14	.4	5.7				5.7	•1				•1	900
	15-17	.4	4.0				4.3				• 3	• 3	950
	18-20	.6	4.2				4.2	• 3			• 6	•9	900
	21-23	• 9	5•6				5•6	•2			•2	•4	900
		,											
													
TOTALS		•5	5.6				5.6	• 6			•2	•8	7200

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STATION	STATION NAME	YEARS	HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SHOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	20-02	•3	3.9				3.9	• 1			• 2	•3	930
	.23-65	•6	4∙€				4.0	• 9				•9	930
	36-88		3.7				3.7	1.3				1.3	929
	ن9 -11		2.5				2.5	• 9				•9	929
	12-14	.4	2.8				2.8	• 2			•2	.4	930
	15-17	.9	1.6			.1	1.6				• 3	• 3	930
	18-20	•5	2.4				2.4	•1			•1	•2	930
	21-23	•5	4.4				4.4	•1				•1	930
·													
TOTALS		.4	3.2			•0	3.2	• 5			•1	•6	7438

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FAIRCHILD AFB WA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	.g-02	• 5	3.8				3.8	• 3				.3	930
	03-05	•6	3.9				3.9	1.4				1.4	930
	76-08	•1	4.1				4.1	2.2	•1			2.3	930
	-9-11	•2	3•1				3.1	1.4	•5		•1	2.0	930
	12-14	•2	2.4				2.4	• 3			•2	.5	930
	15-17	. 4	2 • 8				2.8	• 2			• 5	.8	929
	18-20	1.2	3.4				3.4		•1		.9	.9	930
	21-23	•8	3.1				3.1	•1	•2		.4	•6	930
													·
						ļ <u>.</u>							
TOTALS		•5	3•3				3.3	•7	•1		•3	1.1	7439

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WEATHER CONDITIONS

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FAIRCHILD AFB WA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	1.0-02		5.2				5•2	1.1	•3		•2	1.7	900
	.3-05		4.7				4.7	3.1	•2			3.1	900
	76-08		4.8				4.8	6.2	•1			6+2	899
	j9 - 11		5 • 4				5.4	3.1	•3		1.2	4.4	900
	12-14		5.7		• 1		5.7	. 8			3.2	4.0	988
\	17		3•2		•1		3.3	• 7	•2		1.9	2.6	900
	18-23	•1	3.7				3.7	.7	• 3		1.0	2.0	980
	21-23	•2	3 • 8				3.8	•6	•2		• 3	1.1	900
													
TOTALS	<u> </u>	•0	4.6		•0		4.6	2.0	•2		1.8	3.1	7199

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE DISCLETE

WEATHER CONDITIONS

24114

FAIRCHILD AFB WA

69-78

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

МОНТН	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SHOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	·g-02		4.8		• 5		5.4	6.1				6.1	930
	03-05		4.4		1.6	_	5.4	9.3				9.0	930
	36-08		5.4		• 9		5.7	14.9	1.3		•1	15.4	930
	39-11		5.5		1.3		6.5	8.8	1.6		•2	10.1	930
	12-14		6•2		1.0		7.0	3.5	1.1		•1	4.2	930
	15-17	•2	5.4		•6		5• ö	1.3	• 4		•3	1.9	930
	18-26		4.4		• 9		5.2	2.4				2.4	930
	21-23		4.5		1.0		5.5	4.2				4.2	930
	<u> </u>												
	ļ												
	ļ												
TOTALS	<u></u>	•0	5.1		• 9		5.8	6•3	•5		•1	6.7	7440

USAFETAC $\frac{6000}{487.64}$ 0-10-5(QL A), meyious sortions of this form are desourte

WEATHER CONDITIONS

24114

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FAIRCHILD AFB WA

69-78

NOV

STATION

STATION NAME

VEARE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LS.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	.0 - 52		8•3	•1	8.1		15.9	25.1	•2	• 6		25.7	960
	03-05		10.1	• 9	9.2		19.6	30.3	•1	• 8		31.1	900
	36-08		9.6	1.3	9•6		19.8	36.2	• 3	• 4		36.7	900
	39-11		8.4	•8	9.9		18.4	32.0	1.2	. 4		32.8	900
	12-14		10.3	• 3	6•2		16.2	20.7	•8	• 3		21.7	899
	15-17		10.9	• 3	6.9		17.3	19.4	•2	• 3		19.9	900
	18-20		8.3	• 8	7.6		16.6	18.8		.4		19.2	899
	21-23		8.4	•6	7.1		15.7	20.1		•6		20.7	988
TOTALS			9,3	•6	8.1		17.4	25.3	.4	•5		26.0	7198

USAFETAC ART 64 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

24114

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C

FAIRCHILD AFB WA

69-78

DEC

STATION

STATION NAME

YFARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS TO NOT TO VISION	TOTAL NO, OF OBS,
DEC	0-02		7.6	.5	15.9		23.3	28•9		•5		28.2	930
	ú3 ~ 05		7.2	•8	16.1		22.2	30.8	•1	• 5		31.1	930
	06-08		9•2	1.1	15.7		24.9	35•3	•1	•1		35.3	930
	.9-11		7.7	1.5	17.3		25.8	36•2	•3			36.2	930
	12-14		7.2	•2	12.7		19.4	26.0	•2	• 2		26.2	930
	15-17		7.0	•2	11.5		18.1	23.8	• 4			23.8	930
	18-20		7.4	.4	15.1		21.9	20.1				20.1	930
	21-23		7.0	.8	15.1		21.6	23.7		• 6		24.0	930
TOTALS			, 7.5	•6	14.9		22.2	28.0	•1	•2		29.1	7440

USAFETAC POM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE ORIGINETE

WEATHER CONDITIONS

Z+114 STATION

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FAIRCHILD AFB WA

69-79

ALL

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STATION NAME

YEARS

HTHOM

PERCENTASE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	·HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
PAL	ALL		5•D	1.3	17.6		22.5	31.1	•1	•2	.1	31.3	7440
FEB		•5	7.3	.8	19.7		17.9	20.2	•3	•1	•2	20.6	6768
442		• 0	6.6	•0	4.9		10.9	6.6	•3	•1	• 3	7.0	7440
APR		•2	5.6		1.3	• 0	7.8	2.5	•0		•2	2.8	7198
кач		•3	7.4		•2		7.5	1.2			•2	1.4	7431
אפר		• 5	5•6				5.6	.6			•2	.8	7200
JUL		• 4	3.2			•0	3.2	• 5			.1	•6	7438
AUG		• 5	3.3				3.3	•7	•1		• 3	1.1	7439
SEP		•0	4.6		۵		4.6	2.0	•2		1.0	3.1	7199
ОСТ		•0	5.1		•9		5 • 8	6.3	_ •5		•1	6.7	7440
NOV			9.3	•6	8.1		17.4	25.3	•4	•5		26.D	7198
DEC			7.5	•6	14.9		22.2	28.0	•1	•2		28.1	7443
TOTALS		•2	6•0	•3	4.8	•0	10.7	10.4	•1	•1	•2	10.8	87631

USAFETAC ARTES 0-10-5(QL A), HEVIOUS EDITIONS OF THE FORM AND CONFIDENCE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded informatica on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomene in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH COST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence. This presentation is by month with annual totals, and is prepared with all years combined.

- MOTES: (1) A day with rain and/or drizzle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drissle is also properly reported as a day with rain and/or drissle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less them 5/8 mile.

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FAIRCHILD AFB WA

49-79

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (LS.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS TZEO HTIW NOIZIV CT	TOTAL NO. OF OBS.
.Αù	DAILY		32.3	9.4	58.7	•1	72.5	64.3	5•3	3.7		67.3	930
F£5		.4	36.8	3.8	42.4	• 5	61.3	52.4	8.3	7.4		55.4	547
*75		1.3	35.3	• 9	33.0	1.3	53.1	27.0	3.4	1.1	•1	29.5	930
100		2.2	41.3		16.2	1.6	46.8	13.6	1.6		• 3	15.1	899
KT Å		4.7	41.6	•1	3 • 7	1.9	42.J	10.9	• 4		•2	11.5	929
JUN		9.0	37.6		•1	1.3	37.7	5.4	• 4		• ó	7.3	900
Jür		7.6	22.3			• 3	22.3	2.3	•4		•6	3.3	930
AUS		3 • 4	26.4			• 8	26.4	4.1	1.0		•1	4.8	929
SEP	†	2.3	27.7		• 3	• 7	27.7	8.5	3.2		• 4	11.2	898
CCT	 	•6	37.0	•1	4.0	• 5	37.5	30.1	10.3	•2		34.1	930
NOV	 	•2	43.4	2.8	27.6	•3	58 - 4	56.7	10.4	1.1		59.9	900
DEC	 		37.1	7.5	52.6	•1	78-4	67.1	4.8	2.6		69-1	930
TOTALS		3.1	34.9	2.0	19.9	• 8	46.3	28.6	4.1	•9	•2	30.7	10952

USAFETAC ACT 44 0-10-5(QL A), PREVIOUS SORIOUS OF THAT FORM ARE OSSICIETY

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the <u>percentage frequency of various daily amounts</u> of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily emunt summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00" equals none for the month (hundredths)	
extreme daily showfall	"wo" equals none for the month (tenths)	
EXTREME DAILY SNOW DEPTH	"O" equals none for the month (whole inches	ı)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SHOWFALL for each yearmonth and annual. Also prepared are the means, stendard deviations, and total number of valid observations for each month and annual (all months). An asteriak (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	
Jan 46-May 47	at 1230GMT	Jul 521 May 57	at, 12300MT
Jun 57-present	at 12000MT	Jun 57-present	at 12000MT

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DATA PROCESSING BRANCH USEFFEC AL SEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

。 章件 STATION FAIRCHILG AFB WA

STATION NAME

49-79

YEAR

						AM	II) STAUC	(CHES)						PERCENT		WON.	THLY AMO	
PRECIP	NONE	TRACE	.01	.02- 05	06-10	11-,25	.26-,50	.51-1 00	1 01 2.50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00		NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0.5-1.4	1.5-2 4	2.5.3 4	3.544	4.5-6 4	6.5-10 4	10 5-15 4	15.5-25.4	25.5-50 4	OVER 50.4	MEASUR- ABLE	Of OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE		2	3	4.6	7.12	13-24	25-36	37.48	49-60	61-120	OVER 120	AMTS			<u></u>	
MAL	• 7	ຸ. ⊱ • ຄ	4 • 2	11.9	8.6	11.3	8.4	2.5						46.9	930	2.35	5.26	-61
FEB	• • =	2.8	4 • 5	12.4	5.8	11.2	4.3	1.2						39.2	347	1.41	3.56	.34
MAR	• .	71.9	3.8	9.1	ş.6	8.6	3.2	1.2	•					31.7	937	1.24	2.74	.12
APR	\$. • ?	_2•2	3.8	7.7	3.9	6.2	3.1	1.3	• 1					25.8	8.0	1.03	3.12	• 43
MAY	5(.3	18.7	3 • 3	6 • 5	3.9	6.	4.4	• 6	• 2					24.9	930	1.17	2.16	•13
NUL	è •2	ξ 5 • .	2.6	6.4	4.3	4.9	2.5	1.2	• 1					22.1	950	1.02	2.49	•03
JUL	7.4	:1.5	1.9	3.0	1.7	1.9	1.9	• 4	• 1					11.1	930	•59	2.29	TRACE
AUG	7.7.9	12.4	2.6	3 • 5	1.9	3.3	2 • 4	• 8	• 2					14.7	930	•77	2.92	.00
SEP	4 • 2	11.7	2.6	4 • 8	2.9	3.8	2•3	• 8						17.1	900	•71	1.62	TRACE
ОСТ	č:•\$	12.3	2.2	8 • 5	4.4	5.9	2.9	1.5						25.4	930	1-12	2.84	TRACE
иоч	4 • 8	19.2	3.0	10.7	8.0	8,9	7•₽	2•2	• 2					40.G	970	2.37	5.52	.28
DEC	29.1	24.	4.8	11.5	10.5	11.8	6.5	2.0	• 2					46.9	930	2.18	4.56	.71
ANNUAL	52.9	18.2	3.3	8.5	5.1	7.0	4.1	1.3	• 1					28.8	10957	15.57	X	X

1210 WS JUL 64 0:15-5 (OLI)

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB NA
STATION STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB ;	MAR	APR	MAY	אטנ י	א טנ	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
49					1	.01	TRACE	TRACE	• 53	.30	.36	•30	
50	.79	.75	.30	.37	- 30:	.80	.25	• 45		• 57	.21	•28	.80
51	. 28	.12	• 35	•18	.17	.22	.15	.27	.20	.67	.42	1.02	1.02
52	• 55	.21	• 30	- 16	• 35	• 5 5	11	<u>. 5</u> 5	• 20	• D6	.46	.69	.69
53	. 83	•29	•20	• 59	1.11	.20		• 59		•10	.74	.76	1.11
54	•80	.38	•82	• 86	.24	.20	• 35	.44		-46	•31.	.34	.82
55	.25	.67	.20	.41	•15	.39	.17	TRACE	.38	.68	.79	.49	•79
56	• 48	. 34	.24	• 02	.14	• 25	.24	. 34	.11	.76	.12	.18	.76
57	• 30	.21	.21	•14	.46	1.00	.04	.01	•52	• 55	.16	• 40	1.00
58_	. 44	.69	• 26	• 46	•30	. 46	.17	• 06	.17	.28	.80	•50	.80
59	.66	•36	. 4 C	•19	•51	.32	TRACE	1.05	.41	.32	.77	.40	1.05
60	• 20	. 46	.60	. 36	1.13	-15	TRACE	• 45	•58	• 35	•95	•61	1.13
61	.61	.69	.34	• 36	•57	.40	.37	•23		.45	.42	•55	- 69
62	• 48	. 44	.51	•85	.32	.42		.35	.81	• 55	.41	.40	. 85
63	• 5 2	.49	.29	•20	.43	.82	.18	.17	•51	.61	1.12	•55	1.12
64	.37	.31	•53	• 20	.11	1.41	.47	•53	.44	•22	.44	1.15	1.41
٤5	• 44	.34	.06	1.13	. 44	•38	.67	1.36	.08	•03	.52	.38	1.36
66	•64	-08	.76	• 26	• 89	.31	57	• 08	•55	.18	.86	.70	.86
67	•65	.13	.67	. 36	.47	.70		TRACE	.48	.49	.25	•32	•70
68	•37	•56	-84	•03	.48	•50	.26	• 57	•29	.73	1.23	.59	1.23
69	•72	.58	-28	.61	.31	.70	• 05	.00		.21	.46	.64	.72
70_	.79	.86	• 32	• 42	.45	.94	.42	•03	.47	.96	.46	.41	• 96
71	.64	.29	.71	•70	.49	.54	.30	.18	.30	.69	.32	.96	• 96
72	• 35	.24	• 35	.37	98	.32	.29	.48	. 44	.11	.47	.56	- 98
73	•55	.22	.40	.66	.79	.17	TRACE	•22	. 85	•30	.93	.62	.93
74	.97	.46	.78	. 18	.29	.14	.60	<u>•02</u>		.05	.80	.42	.97
75	.46	.66	•33	• 52		.50		•27	• 05	.78	.33	.51	1.06
76	.45	.49	.38			73		•60	.04	• 35	.07	.26	.73
77	.18	•21	•39			.73		• 45		•18	.58	.76	.76
78	.42	. 38	.21	.65	.52	.57	•56	. 94	• 35	TRACE	•56	.16	. 94
MEAN													
S. D.													
TOTAL OBS.		NOTE						NTHS)				9	

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USAF ETAC MIN 0465 (OLA)

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EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA
STATION STATION NAME

49-79

24 HOUR AMOUNTS IN INCHES

MONTH"	JAN	FEB.	MAR	APR.	MAY .	JUN	JUL	AUG	SEP.	ост	NOV.	DEC	ALL MONTHS
79	• 47	• 33	•33	•38	.47			,	,			11	
										 -			
			·									1	
1	•		i	,		1		1			,	j	
							اا						
													
1			1	!	1	i 1	4. 7.	!	1	:	:		
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	1			ļ		Į				į			
	1					ļ			ļ				
													·
į	İ												
MEAN	•522	.408	.412	.377	.437	.494	.274	.356	•35D	• 400	•544	•530	.9
S. D.	.199	•202	• 209	•255	.265	• 306	.249	. 334	.217	.262	.294	.237	.1
TOTAL OBS	930	847 NOTE		900 SED ON	930	900	930	930	900	930	900	930	109

USAF EIAC NOM 048-5 (OLA)

EXTREMEXAMIES MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA STATION NAME

TOTAL MONTHLY PRECIPITATION IN INCHES

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MONTH!	JAN	FEB	MAR	APR.	MAY	י אטנ	JUL.	AUG.	SEP.	ост	NOV.	DEC.	ALL MONTHS
49						.01		TRACE:	1.19	1.00	1.68	.91	
50	3.51	1.58	1.52	•52	• 43	1.86	.31	. 45		2.45	•93	1.25	14.81
51	1.89	.49	.89	.27	•50	•53	.43	• 32	. 40	2.47	1.22	3.27	12.67
52 4	3.37	1.14	. 8 1 ⁱ	.27	.74	1.32	.11	• 55	.48	•11	.8D	3.87	12.77
53	4.03	.75	.92	1.23	1.91	•76.	TRACE,	1.78	•52	•20	1.98	2.17	16.25
54	4 . 51	1.07	1.37	•23	-65	.47	60	1.34	1.62	.57	1.22	1.20	14.85
55	1.19	1.31	•57	1.19	•32	.60	•72	TRACE	. 87	1.70	3.15	2.33	13.95
56	2.71	1.76	•95	- 03	.28	.62	31	• 93	. 14	_1.51	•28	.71	10.23
57	1.68	.61	1.08	•35	1.38	1.85	• 06	•03	.70	1.77	.76	1.23	11.50
58	1.78	2.76	.95	1.66	.73	.84	35	· 06	.33		3.35	1.69	15.26
59	4.02	1.73	.83	•56	1.82	.40		1.26			2.42	1.09	16.73
65	<u>. 87</u>	1.46	2.15	1.51	2.11	.17	TRACE	.79			4.00	1.22	16.24
61	1.78	3.56	1.53	•99	1.37	.98	• 37	. 47			1.48	2.17	15.97
62	-98	1.53	2.06	1.97	2.02	.65	.49	.78	1.01	1.68	2.52	1.36	16.15
63	.62	1.67	.80	1.11	.96	1.06	.26	.57	.91	1.08	2.68	2.23	13.95
64	2.26	.78	1.35	.32	.13	2.49	.59	1.37	.64	•32	2.23	4.55	17.03
65	2.53	•75	•1'2	2.25	1.53	.44	.90	2.92	.31	8 ü e	2.64	1.63	16.10
66	1.58	.36	2.64	• 36	.34	.90	1.05	.23	. 56		3.27	3.28	15.04
67	2.63	.44	1.67	1.87	1.43	2.00	.08	TRACE	.61	1.78	.91	1.78	15.20
68	1.46	2.54	. 79	.08	.90	1.11	.31	1.84	1.01	2.80	3.19	3.06	19.29
69	5.26	1.42	. 52	3.12	.85	1.35	.08	.00	.77	.57	.62	3.13	17.69
70	4.47	1.98	1.07	1.61	.97	1.78	1.02	.03	.55		2.08	2.08	29.48
71	1.98	.97	2.29	1.57	1.64	1.62	-46	.48	1.31	1.22	1.92	3.07	18.53
72	2.05	1.13	1.31	1.23	1.99	1.45	.45	1.44	• 72	•25	1.08	2.34	15.44
73	2.19	• 55	1.09	.85	1.53	•59	TRACE	•35	1.42		6.52	4.56	21.05
74	4.07	1.84	2.74	.72	1.17	.31	1.19	.03	.15	.08	2.99	2.35	17.64
75	2.20	3.06	1.47	1.65	1.17	1.45	2.29	.60	• 85	1.98	1.57	1.58	19.07
76	1.16	1.20	.75	.92	1.00	1.08	.70	1.89	• 84	.60	.28	.73	10.35
77	.61	.34	1.15	.13	1.59	1.10	•10	1.09	1.58	.42	2.06	4.27	14.44
78	1.92	1.44	.72	2.47	2.16	.86	1.65	1.41	.93		2.13	1.02	16.71
MEAN													
S. D.						i							
TOTAL OSS.								 -i					
		NOTE			I FEE T			HTUCL		<u> </u>			

NOTE * (BASED ON LESS THAN FULL HONTHS)

USAF ETAC AN M 048-5 (OLA)

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA STATION NAME

TOTAL MONTHLY PRECIPTTATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP	ост	14OV	DEC	ALL MONTHS
79	1.21	2.15	.86	•90	1.35	-	 :	:				; #	
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		i		<u>i</u>									
<u>i</u>					l								
7	1	1	į	į	•	į	ļ						
					i								
				i		 j						<u> </u> -	
	-		İ		1	į				1		1	
												3341	
													
22.00													
MEAN	2.351	1.412		1.035	1.166		.496	.767	.708	1.117	2.065	2.178	15.7
\$. D.	1.261	.811	.622	.765	.596	.597	.531		.469				2.6
TOTAL OBS.	930	847 NOTE	930	900 SED ON	930 LESS	980 Than F	930	930 NTHS)	900	930	900	930	1

USAF ETAC PORM 0-88-5 (OLA)

2 CELÉ POCLUSIA, UPANCA COMPRESSOR SE MICHARD

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

1 4 STATION

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FAIRCHILU AFB WA

49-79

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	1					AM	OUNTS (II	NCHES)						PERCENT	MONTHLY		HLY AMO	AMOUNTS
PRECIP.	NONE	TRACE	0 1	.02- 05	0610	.1125	26- 50	.51-1 00	1 01.2 50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00		TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01.04	0 5.1 4	1 5-2 4	2 5-3 4	3 5-4.4	4564	6 5-10 4	10 5-15 4	15 5.25 4	25 5-50.4	OVER 50.4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	,	2	3	4-6	7-12	13-24	25.36	37-48	49-60	61-120	OVER 120	AMTS		-		<u> </u>
JAN	1	23.5	11.2	11.3	5.7	3.1	2.2	1.5	• 3					35.4	930	16.7	50.7	5.8
FEB	5.	21.4	7.6	8 • 3	3.4	1.4	• 4	• 4	• 2]		21.6	847	6 • B	31.6	TRACE
MAR	ĕ6∙5	19•ô	5 . 6	5.9	1.5	• 3	• 3	• 1						13.8	933	3 • 7	11.4	TRACE
APR	\$3.3	13.3	1.3	1.2	• 2	• 1								3.3	899	• 7	5.3	•5
MAY	96.4	3.2	• 1.	• 2										• 3	929	• 1	1.3	• 0
JUN	99.9	. 3													900	TRACE	TRACE	•:
JI.	1±0.c	2. 2. 2. 3. 3. 4.	- , -												930	• 6	3.	•:
AWG	100.0		<u>.</u>												930	• 0	ن و	• [
	9.8	.2	Township of												900	TRACE	TRACE	• [
•	76.72	2.5				• 3		.1						1.3	930	•5	5 • 2	• :
-	12.6			9.7	2.1	1.1	•5	•5	• 2					13.4	900	5.9	25.2	TRACE
	37.0	25.		9.9	5.9	2.3	1.3	1.5	• 2	• 1				27.6	929	13.5	36.6	• !
	90.0	10.3	3.1	- 3.5	1.6	•7	• 4	• 3	• 1	•				9.7	18954	47.9	X	\times

1000 WS ME 64 0-15-5 (OLI)

FŘEVIOUS EDITIONS OF THIS FORM ARE ORSOLET

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

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24114 FAIRCHILD AFB WA STATION NAME

24 HOUR AMOUNTS IN INCHES

YEAR MONTH!	JAN	FEB	MAR	APR	MAY	NUL	JUL.	AUG.	SEP	ост	NOV	DEC	ALL MONTHS
49						•0.	• 0,	•0	•0,	TRACE	2.0:	3.D.	
50'	7.5	7.5	3.3	TRACE	TRACE	. 0	• 0'	• G.	• G:	TRACE	2.2	2.4	7.5
51	4.3	2.3	1.7	• 0,	٠0	• 0,	.0	• 0	• 0	• 7	1.0	10.8;	10.6
52	5 • 5	2.1	1.G	TRACE	<u>. D</u>	.0	• 0	• 0:	<u>• B</u> :	•8	TRACE	6.9	6.9
53	4.1	1.2	1.2	• 1	• 8	• 0	• 0	• 0,	• 0	• 0,	• 3	1.8	4.1
54	6.5	1.4.	• 2		TRACE	• 0	• 0	• Q,		• D	TRACE	2.1;	6.5
55	2.4	5.4	2.0		TRACE	• C	• D	• D'	• 0	TRACE	7.9	2.4	7.9
_ 56_ <u>:</u>	4.5	2.6	2.4		• 0	• 0	• 8	• O	• 0	1.0	. 9:	1.5	4.5
57 E	3.9	2.1	1.5			• 0	• 0	• 0	• 0	4 . 8.		2.6	4.8
58	1.7	TRACE	2.0	TRACE	• 0	• ₽	• 0	0	• 0	• O:	3.2	5.0	5.0
59	4.2	3.6	1.8		1.0	•8	• 0	• 0,	• 0;	•8	4.6	2.2	4.6
60	3.2	1.5	1.9	1.8	• 1		• 0	• 0	• 0,	.0	1.5	2.3	3.2
61	6.3	2.3	2.0	• 8	TRACE	• 0.	• B,	• D			3.1	2.5	6.3
62 4	4.4	2.7		9	a	.0	• 0	• 8	• C	• B	1.7	3 [4.4
63	5.9	2.0	1.0	• 2	TRACE	• 0 • 0	• 5	• 8		• 0	TRACE	5.5	5.9
64	4.7	2.5	1.0	1.0	•0	• 0	• 0	• 0	• 8	TRACE	5.8	5.5	5.8
65	4.5	1.5	• 2	1.2	• 5	•0	• 0;	• 0	• 0	• 0	4.0	6.0	6.0
66	2.6	1.0	3.8	TRACE	TRACE	• Q	• Ö,	• 8	• D	• 5	1.5	3.8	3.8
67	2.2	2.5	2.1	•2	1.3	• 0;	.0	• 0	• 3	TRACE	4.0	4.6	4.6
68	3.4	. 4	TRACE	TRACE	TRĂCE		• 0	- 0	• 0	.0	1.0	4.8	4.8
59	7.3	1.0	2.2	.8	•0	•0	• 0	-0		TRACE	TRACE	3.0	7.3
70	3.5	1.5	5.4	*TRACE	*TRACE	• 8	• 8	• 0	• 0	TRACE	3.4	3.0	5.4
71	3.Q	2.3	. 9	TRACE	TRACE	• 0	• 0	• D	•0	2.8		6.0	6.0
72	4.5	2.6	1.1	1.0	.0	• 0	. 0	• 0	- 8	1.1		2.5	4.5
73	3.8	2.2		• 6	TRACE	TRACE	•0	• 0		1.1	8.0	4.8	8.0
74	5.6	1.9	1.0	. 2	TRACE	• 0	. 0	•0	•0	.0	-5	5.5	5.6
75	7.8	8.8	4.3			•0	• 0	• 0		• 3	5.2	4.7	8.8
76	4.5	1.9	3.2		• 0	• 0	• Ö	• 0	• 8	.0	-1	1.5	4.5
77 (2.0	1.0	1.3		TRACE	.0	• 0	•0	TRACE	TRACE	4.9	8.3	8.3
78	5.1	5.2	. 9		TRACE	• 0	.0	• 0	•0	TRACE	3.8	2.3	5.2
MEAN													
5. D.		!											
TOTAL OBS.													
		NOTE	+ (BA	SED DM	LESS	THAM F	U1 1 MOI	IZHEL					

USAF ETAC ALM 048-5 (OLA)

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EXTREME VALUES SNOWFALL

FAIRCHILD AFB NA 49~79

STATION NAME

FAIRCHILD AFB NA 49~79

STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH.	JAN	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	oct	NOV.	DEC :	ALL MONTHS
79	4.9	2.7	• 3	• 4	TRACE								
- -													
										_			
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	·					 :							
· 													
<u>.</u>							·		<u> </u>				
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	;			i								<u></u>	
- 21			i -			<u></u> :							
						!				 ;			
									-	<u> </u>			
13. Mark			i_	-									
ACT - ED			T T T T T T T T T T T T T T T T T T T				-			!		1	
							- 		<u> </u>				
MEAN	4.43	2.51		.46		TRACE		.00	TRACE	.41	2.51	3.95	5.8
S. D.	1.620	1.928		.633	.299	.30g	-000	- 300	.000	1.819	2.298	2.301	1.76
TOTAL OSS.	930	847 NOTE	930 * (BAS	899		900	930	930	900	930	900	929	1095

USAF ETAC ALM 0485 (OLA)

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FROM DAILY OBSERVATIONS)

24:14 FAIRCHILD AFB WA
STATION STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	NUL .	JUL.	AUG.	SEP	ост.	VOV	DEC	ALL MONTHS
49						•0	• 5	•0	•9	TRACE	2.0	4.3	
50	44.4	10.3	5.9	TRACE	TRACE	•0	• 3	• D.	0	TRACE	5.9	_5.4	71.5
51	21.0	4.5	5.4	•0.	.0	.0	•0	• 0	• 0	•7	1.0.	32.6	65 • 2
52	31.8	7.1	3.8	TRACE	• 0	. 3	• 81	• 0	• 0	.0	TRACE	25.6	68.
53	10.6	2.7	2.1	•2	.0	• 5.	•8	•0	• D,	• 5.	•3	4.3	20.2
54	31.8	3.8	5	TRACE	TRACE		• O,	• 0:	0	.0.	TRACE	6.2	42.
5 5	11.7	17.6	3.3	.4	TRACE	. 0	• D;	• D,	• 8;	TRACE'	25.0;	16.3	74 .
56 .	16.5	14.2	6.U	TRACE	• 0	• 0	O'	• 0	Q:	1.1	1.8	3.3	42.9
57	16.7	4.4	3.5	• 1	• C	• 0	• Q;	• D,	• 0'	5.0	2.5	6.D	38 - 7
58 .	5.8	TRACE	2.0	TRACE	.0	• 0'	• 0,	0	• D	• 0	7.4	6.8.	22.1
59 .	19.4	16.1	2.5	TRACE	1.0	·Ú	• 0	.0	• 0	• 0:	5.9	5.2	50•
60 :	8.5	3.5	6.5	3.0	- 1	- 8	• 9	• 8	9:	.0	5.4:	7.1	34 . :
51 5	6.3	8.3	4.0	. 8	TRACE	•0	• 0,	• 0	TRACE	TRACE	10.1	16.4	45.
62 ;	8 . 8	4.5	11.4	. 9	• 0	• 0,	• 0	•0	• 83	• 0	4.1	5	30.
63	6.3	3.2	1.1	• 2.	TRACE	•0	•0	• 0	• 0	•0	TRACE	19.6	39.0
64	19.8	5.9	2.5	2.0	0		0	.0	* Ū,	TRACE	11.6	36.6	78 •
55	16.3	1.5	•2	1.5	•0	.0	• 0	• 0'	• 0	• 0	8.4	19.4	47.
66	10.8	2.0	7.5	TRACE	TRACE	• 0	• D.	<u> </u>	• G	- 5	1.7	8.6	31.
67	10.8	3.3		• 5	1.3	• 0:	• 3;	-0	• 0	TRACE	5.2	18.6	47.
68	12.7	. 4	TRACE	TRACE	TRACE	• D:	• 0	•0	•0	• 8	1.3	15.7	30.
69	50.7	5.1	2.2	. 8	•0	• 0	• 0	•0	• 0	TRACE	TRACE.	15.2	* 74.
70	18.8	2.5	6.6	*TRACE	*TRACE	• Đị	_ O	• 0		TRACE	6.9	15.9	* 50.
71	8.2	8.0	3.7		TRACE	• 0	• 0	• 0		3.8	7.Q	34.9	65.
72	17-1	7.0	2.8		• 0	• 0	• 0	• 0		1.1	TRACE	7.5	36 •
73	6.3	3.3	1.0	.6	TRACE	TRACE	•0	• 0.		1.1	25.2	8.2	45.
74	12.1	6.4	2.1	. 3.	TRACE	• 0	• Di	. 8	• 0	• 0	•7	15.2	36 •
75 §	25.7	31.6	9.1	6.3	TRACE	•0;	• 8;	.0		- 6	12.0	8.0	93.
76	15.4	6.1	4.2		• 0	• 0	- 8	• 0	. Ē	•0	.3	5.3	31.
77	5.8	1.1	1.8		TRACE	•0	. 8	.0		TRACE	11.5	27.1	47.
78	16.7	7.3	2.1		TRACE	.0	• D	• 0		TRACE	14.8	10.6	51.
MEAN 5							1						
S. D.		<u>_</u>					- i			—— <u>i</u>			
TUTAL COS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC TOM 0465 (OLA)

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USAFETAC 2 AIR WEATHER SERVICE/MAC HONTHLY SNOWFALL FROM DAILY OBSERVATIONS) 114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS 24114 TOTAL MONTHLY SNOWFALL IN INCHES MONTH ALL MONTHS JAN FER MAR APR MAY JUN 3UL AUG. OCT. NOV DEC. YEAR ... 14.6 12.0 .4 TRACE : C MEAN 16.71 6.79 3.73 .69 .08 TRACE .00 .00 TRACE .46 5.93 13.49 S.D. 10.891 6.438 2.785 1.280 .299 .000 .000 .000 .000 1.141 6.747 9.967 TOTAL OBS. 930 847 930 899 929 900 930 930 900 930 900 929 NOTE * (BASED ON LESS THAN FULL MONTHS)

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TOTAL OBS.

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USAF ETAC AR M 0485 (OLA)

GLOBAL CLIMATOLOGY BRANCH

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CATE PROCESSING BRANCH
CORP CTAC
A CREATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SHOW DEPTH (FROM DAILY OBSERVATIONS)

C

A# BAW CHIPOCIET

49-79

TEARS

						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	
PRECIP.	NONE	TRACE	01	.0205	.0610	.1125	.2650	.51.1.00	1.01-2 50	2.51-5.00	5.01.10 00	10 01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
NOWFALL	NONE	TRACE	0.1.0.4	0.5-1.4	1.5-2.4	2 5.3 4	3 5.4.4	4.5-6.4	6.5-10.4	10.5-15.4	15 5-25 4	25.5-50.4	OVER 50.4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NOME	TRACE	1	2	3	4.4	7-12	13-24	25-34	37-48	49-40	41-120	OVER 120	AMTS				
JAN	5	14.4	6.6	6.7	5.7	19.0	12.4	6.7	3.2	• 2				6 • 4	93%			
FEB	£~.?	7.5	5.4	6.3	3.9	1 .7	7.7	3.4	• n	• 8]	39.5	847			
MAR	. : • 5	7.?	4.3	2.7	٦.٤	3.	• 9							12.5	930			
APR	* ÷ •	1.2	• 2	• 2	• 1									•6	9-3			
MAY	. •														933			
MUL	•										<u> </u>				9:30			, —
JUL	2.														930			
AUG	. 2.1														937			
SEP															9^8			
ОСТ	29.	• 2	• 4	• 1		• 1								-6	930			
NOV	3	5.9	3.3	2.9	2.0	3.1	• 9							11.5	900			
DEC	45.5	8.6	3.7	7.7	5 • 6	13.5	6-:	1.2	• 3					45-6	930			
ANNUAL	55	3.€	2.4	2.2	1.5	4.1	2.3	.9	• 3	• !		1		14.3	10957		X	\searrow

Control of the Contro

1210 WS JUL 44 0-15-5 (OL I) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY CREEVATIONS

24114 FAIRCHILD AFB WA STATION NAME

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	ост	NOV	ĐĐC	ALL MONTHS
49						8	D	0	0		Ω	<u>_</u>	
50	23	27.	4	១	0	Ď,	ā	õ.	õ	Ö	ĩ	3	27
51	8	5	6	0	0	0	3	0	0	1	0	28	27 28
52	_ 36	12	2	3	9	Đ ⁱ	o'	0	3	Đ	9	12	36
52 53	9		TRACE	0	Ū	8	D	3	0	0	0	TRACE :	9
54	17.	8	TRACE	a d	O.	Ω,	0	0	G	0	0		
55	6	8	11:	ū	Ū	0,	Ū	0	9	8	10	9	$\frac{17}{11}$
56	7.	ક			0	בּמ	0	ַ סַ	3,	1	1	2 :	
57	19	11	2	TRACE	D	0	ם O	3	D.	5	2	1:	11 5
58	10	O.	TRACE	0	_ 9	5			0	8	3	5 :	
59	9	7	TRACE	0	0	0.0	0.	0	3 ,	0	6	2 ;	9
6J	9	2	3	TRACE	ם	0	0 <u>`</u>	0		0	1,	3 -	9
51	6	<u>l</u> ;	1;	TRACE	Œ,	<u> </u>	0	0	0,	G.	4	11	11
62;	6	2	6	a	8	8	0		0_	6,	1:		6 12 16
63	TRACE	6	TRACE	TRACE	0	Đ	3 0	0	0	8	TRACE	12	12
64	11	6	1		<u> </u>	ם מ	0,	0	<u>0</u> ;	0	5		16
55 [14	4,	9	O,	0,	Q	0	0,	0	0	4:	11	14
56	7:	9	4;	Œ,	D	0	0	0,			1	4 1	
67	7: 3 7:	1; 5	2.	0	O,	0,	0, 0	0	Ω;	0	4	8 }	8
63				8	<u> 0</u>	a	0	<u>O'</u>	<u> </u>		1	6	7
59	41	45		O.	O,	O C	0 0	0,	0,	0	8	3 į	45
70	7 5 9	1	5	0	<u> 0</u>	2	0		0	0		7 !	7
71	5	5	5	0	D.	0	C.	8; 8;	0	1	3	15	15
72		10	1	1	0	D	0	8	0	1	0	4 }	15 10
73 ξ	4	2	TRACE	9	S	30	0	0	0	0	8	5 }	8
74	6		TRACE	TRACE		O.	0	0	0	0	0	6 }	<u> </u>
75	12	24	•	3	ű	O _i	0	Ç.	5	TRACE	3	5 ;	24
76	5	2		1	0	0(ರ		0	8	TRACE	2	5
77	5		TRACE	Q	Q	G	0		O	- 3	5	12	12 17
78	17	12	1	TRACE	Ø	<u> </u>	o,	0	0		8	9 ;	17
MEAN													
S.D.								1					
TOTAL OBS.				SED ON									

USAF ETAC PORM 0485 (CEA)

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CONTRACT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1 24114 FAIRCHILD AFB WA
STATION NAME

49-79

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	אטן !	JUL :	AUG	SEP.	OCT '	NOV	DEC	ALL MONTHS
79	14	14	TRACE	a	Q	1							
i	i		,	1	+	,		1	!	*	1		
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t													
	1			1						ļ			
			j	1			1						
^. «N	10.5	7.6	2.4	•2	•0	•0	• 0		•0	• 3	2.5	7.0	13
50	9.032	9.622	2.837	.679	• 000	.000	020	.000	.000	.952	2.825	5.904	9.6
ž 25	930	847		900	930	905 THAN F	930	930	900	930	900	930	109

USAF ETAC FORM 0-88-5 (OLA)

C

U S AIR PORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

College Colleg

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speads are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

* Values for means and standard deviations do not include measurements from incomplete months,

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

IFROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA
STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH!	JAN	1	FEB	1	. M	AR	AP	R	MAY	J	UN	טנ	L.	AUG		SEP	0	СТ	NC	v	C	EC	JJA HTMOM	
49		- 			, 			;		SW	43	WSW	375	SN 3	55 W	36	WSW	361	ISH	62	S W	45		_
50	S ·	425	SW	48	SSW	36	SW	50	ISW 3	BUSH	35	5	405	W 3	85 W	35	5 S W	54	SSE	50	SSH	40	SSW	54
51	S¥	645	W	40	SW	59	NNW	34	USW 3	PNNE	45	5 W	495	SW 3	BOWS	W 40	35 W	361	ISW	41	NS W	*46	SW	64
52 ,		E	_ *	31	MSH			41	¥3	85W_	40	HNW	361	INW 3	34 HS	W 34	NNW	37	SSE	26	ISW	*43		
53	S¥	55	<i></i>	35	MSW	45	MSH	35	S W 3	3HSk	39	SW	305	E 3	55WS	W 43	5 W	30	SW	39	NSW	46	SW	5
54	SW	405	W	43	SW	*45	MSW	48	SW 4	3HSH	47	SSW	34	INH 4	1355	W 34	SW	48	SSW	44	S W	46	WSW	4 8
55	SSW*	385	W *	49	SH	*67	WSW	45	ISW 4	INSH	51	SSH	4465	S M 3	33W	32	HNN	38	SSW	42	5 M	47	SW	*6
56	SSW	445	SW	45	SSW	64	5 N	45	USH 4	ONSH	1 59	55W	¥405	W 3	55WS	W 40	15 #	441	ISW	49	SW	45	SSN	64
57	SW	295	W	51	WSW	49	SW	48	SSW 5	6551	1 42	WSW	365	SSW 3	32 NS	W 37	'55W	35	5 W	43	5 W	*47	SSW	56
58	SW -	46	H	49	S	29	MSW	32	SW 3	BOSSI	1 29	W	31	/ 3	39¥S	W 39	SW	34	SW	35	SSW	39	SW	49
59	SW	345	SW	31	MSW	36	SW :	*34	USW 3	65W	33	SW	33	1 2	295W	*33	5				5 W	39		
60	SSW	215	W	30	BSH	33	WSW	39	MSW 3	165S	1+33	E	26	S##2	2555	H*22	25SW	*35	SW 1	¥36	SSW	30	MSM	3
61	SSW	305	\$₩ #	35	SSW	39	MSW:	×37	NE #2	4 W S I	1+30	SSW	27	ISW#3	3355	W*38	WSW	*35	SSW	*31	WS W	*55	WSW	* 5!
62	SSW	33	٧E	28	M	28	SW	40	y 3	32¥	35	SSW	*30 5	S##2	26NN	E 30	15	34	SSW	45	SSW	*30	SSW	4
63	NE *	28	ISH*	:34	SSW	41	SW	37	HSW 3	45W	29	WSH	28	INW#1	L8WS	W+32	SSW	27	5 W	34	5 ¥	30	SSW	4
64	SW	46	SSW	35	SSW	37	5 W	36	SW 3	37ENE	26	SSW	29	1 3	3455	W 34	i iz	39	SSW	32	SW	47	S₩	4
65	SW	45	S W	49	NNE	30	SSW	31	USH*4	IZN	+28	N	265	SSW 2	27NE		ISSH	37	SW	35	ISH	34	SW	4
6 6	S	50	i	46	SSH	36	SSW	32	SW 3	1 4 S L	29	5	29	SW 3	30\$	31	SSW	34	5	35	SE	28	S	5
67	SSW	46	SSW	36	5	39	5	30	SSW 3	SONH	26	SW :	*26	W 3	3155	W 34	SSW	42	5	34	5#	40	SSH	4
68	SSW	36	SSW	31	, lu	36	SSW	40	5N 4	135E	32	27/	38	20/ 3	3020	/ 34	23/	30	20/	29	20/	43	S₩	4
69	23/	34	105	34	5+	26	23/	36	34/ 2	8 34	× 27	24/	29	25/ 2	2323	/ 34	6*	28	26/		22*		23/	3
70	24/	28	3/	30	25/	30	22/	38	20* 2	2623/	/ 32	22/	34	23/ 2	2922	/ 34	1201	26	21/	38	22/	35	22/	3
71	21/	43	23/	46	23/	52	26/	41	33/ 3	1923	/ 29	3/	35	22/ 2	2854	/ 31	26/	35	19/	38	20/	41	23/	5:
72	21/	51	22/	46	23/	44	25/	39	26/ 3	14 2/	26	2/	29		3026	/ 32	6/	27	22*	21	23/	32	21/	5
73	20/	34	23/	27	23/	31	25/	35		1524/	36	28/	31	24/ 3	3422	/ 21	103	30	19/	41	22/	32	19/	4
74	22/	44	24/	31	22/	41	24/	34		2924/		23*	28	6/ 2	26 6		123/	24	22/	30	23/	38	22/	4
75	22/	46	26/	38	33/	30	25/	28	23/ 3	5829/	/ 34	35/	24	28/ 2	24 7	/ 21	121/	31	19/	39	21/	37	22/	4
76	20/	34	27/	42	22/	40	6/	38	26/	3625	/ 36	20/	27	19/	3527	/ 20	523/	28	23/	28	23/	33	27/	4
77	23/	28	23/	28	27/	41	20/	39		2829		24/	31	3*	2523		123/		23/		24/	38	23/	
78	20/	40	22/	24	122/	36	25/	34	24/	3116		28/	33	-	2426		123/		28/	44	22/	40	28/	
MEAN		Ť			1		ڪت ت											نت						
S. D		_			1		 -					<u> </u>	_				\top							
TOTAL OBS.					+							_	-		_		+				 			

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC ACM 0-88-5 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA
STATION NAME

79____

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	MAL	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	ост	NOV	DEC	All MONTHS
79	3/ 23	21/ 44	26/ 27	24/ 31	24/ 38								
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		}											
		 											
MEAN	39.4	38.0	39.2	37.7	35.7	36.0	32.1	31.5	33.0	34.5	38.5	38.5	47.
S. D		8.156	9.292	5.702	6.004	8.261	5.438	4.874	4.656	6.947	8.396	5.823	4.84
TOTAL OBS.	878	819		873	894	853	898	890		866		885	1044

USAF ETAC TOM 0-00-5 (OLA)

S (BASED ON LESS THAN FULL HONTHS AND +100 KNOTS)

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	JAN
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	0000-0200
		CLASS	HOURS (L.S T.)
		COMPLICA	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.9	• 8	•1		<u> </u>						4.1	5.0
NNE	2.3	2.8	2.4	• 3	•2	•1	I					8.1	6.3
NE	2.2	3.9	1.6	1.2	•1							8.9	6.0
ENE	2.5	4.1	1.5	• 3		<u> </u>						8.4	5.1
E	1.8	1.1	• 3	•1			 					3.3	3.9
ESE	•6	• 2	.2							 -		1.1	3.8
SE	• 5	• 4	•4		1	i — — —	<u> </u>	i	l	i	<u> </u>	1.4	5.3
SSE	•6	1.3	•6	•2				i — —		1		2.8	5.6
5	1.7	3.0	1.5	1.0								7.2	6.3
SSW	1.5	3.3	2.5	4.2	1.1	• 2	•6			1		13.4	10.6
SW	1.4	1.3	1.4	4.5	•9	• 3		i			<u> </u>	9.8	11.0
WSW	1.1	• 5	1.0	•5	• 3	•2	T			l		3.7	9.0
w	1.8	1.4	.1						<u> </u>			3.3	3.6
WNW	• 4	• 3	• 3									1.1	4.6
NW	•2	•3	•1									• 6	4.0
NNW	• 8	• 4	•2									1.4	4.0
VARBL													
CALM		$\supset <$		> <				$\supset \subset$	$\supset <$	$\supset <$		21.4	
	20.8	26.3	14.9	12.5	2.6	.9	.6					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1.4

WNW

NW

NNW VARBL CALM • 8

1.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FATK(THILD W	FB WA				<i>()</i> –	19					J	A N
STATION			STATIO	I KANE		ALL WE	ATHER			TEARS				-0500
		_					LASS						HOUSE	S (L.S.T.)
						COM	DITION				_			
	SPEED (KNTS)	1.3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
	DIR.	1.3	1.3	• 5					<u> </u>				3.1	SPEED 4.3
	NNE	• 9	2.7	2.5	•8	•3	•1		 	 			7.2	7.7
	NE	3.3	3.9	2.7	• 3				 	 	 		9.9	5.4
	ENE	1.5	2.9	2.5	• 3	 				 	 		7.3	5.8
	E	1.5	2.2	•6	 					 	 		4.4	4.4
	ESE	• 4	• 6			l			 	 			1.1	4.0
	32	• 5	• 5		•2								1.3	5.0
	\$SE	• 4	1.2	•6		•1	<u> </u>		 		i —		2.4	5.6
	S	2.0	3.7	1.6	• 9	•1							8.3	6.1
	SSW	• 5	2.9	3.8	2.9	1.5	•8	• 4		 	 		12.8	11.6
	sw	1.0	1.1	2.0	2.7	1.5	•1	•2					8.6	11.7
			A		1	1					1		7.3	7.4

TOTAL NUMBER OF OBSERVATIONS

930

5.6

5.0

5.5

3.7

5.4

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

FAIRCHILD AFB WA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

79-79

					ALL WE	ATHER						9680	-0800
	_				Ci	ASS				_		HOUR	S (L.S.T.)
					CON	DITION							
					<i>-</i>					,,			
	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
DIR.												!	SPEED
	1.1	1.8	• 5									3.4	4.5
1	2.2	2.0	1.9	• 5	• 3							7.1	6.7
	2.7	5.3	3.5	• 8								12.3	5.9
ENE	2.4	3.3	2.9									8.5	5.4
E	1.9	1.8	•6							i		4.4	4.0
ESE	•3	.1	•1									•5	4.0
SE	• 2	•3	• 2	• 3								1.1	7.5
SSE	• 5	• 8	• 5	•1								2.0	6.1
S	1.2	3.4	2.9	1.7	• 4							9.7	7.7
SSW	1.0	2.0	3.2	3.2	1.5	• 1	•1	•3				11.5	11.1
sw	1.2	1.4	1.3	2.7	• 9	• 3	• 2					8.0	10.8
WSW	1.0	1.0	1.0	• 3	•1	• 2						3.5	7.6
w	1.4	• 6	• 4	•2	• 2							2.9	5.7
WWW	-4	• 3	• 1									. 9	4.1
NW	• 1	• 2	•2									• 5	5.2
NNW	• 4	• 6	•2	• 1								1.4	5.4
VARBL													
CALM	\times	\times	\mathbb{X}	><	><	> <				><	> <	22.2	
1	8.0	25.2	19.9	18.1	3.4	•6	• 3	•3				100.0	5.7

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

930

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR NEATHER SERVICE/MAC

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FAIRCHILD AFB WA

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77-79

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STATION			STATION	HAME						EARS				DUTH
						ALL WE	ATHER						0900	-1100
						- cı	ASS						MOWA	(LS.7.)
						•								
						COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	2 8 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	•8	1.6	•5	- 4						 	·	3.3	6.0
	NNE	1.7	3.9	1.5	• 5	• 1					 		7.7	5.6
İ	NE	1.7	4.0	3.9	1.1	•5				·	<u> </u>	i	11.2	7.3
	ENE	2.9	5.6	2.9	•2	•1							11.7	5.5
1	Ε	2.5	1.4	•3						i	i	 	4.3	3.5
	ESE	•6	• 3		<u> </u>							1	1.0	2.9
,	SE	• 8	• 5		•2						1	<u> </u>	1.5	4.4
	SSE	• 4	•8	•5	• 5					1	T	1	2.3	7.0
	5	2.6	3.2	3.4	2.3	•1	•1					Ī	11.7	7.2
	SSW	• 9	2.0	4.4	4.4	1.4	•4	•1		1	T		13.7	11.0
	SW	.5	1.3	2.0	1.2	1.1	• 9						7.1	11.7
	wsw	• 6	1.3	• 5	.8	• 3	• 3						3.9	9.6
	w	. 8	1.2	•2	•3	• 1	• 1						2.7	6.9
	WNW	•1	• 4	•1									•6	4 - 8
	NW		•2	•2	•2								• 6	9.5
	NNW	• 2	•1		•1		i						. 4	5.3
	VARBL													
	CALM							$\geq <$	$\geq <$	$\geq <$	$\geq <$		16.2	
		17.3	27.8	20.6	12.3	3.8	1.8	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	73-79		JAN
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.	• 2	• 5	•2	•1					1	<u> </u>	1.8	6.5
NNE	1.3	2.5	2.2	1.0	•2						Γ	7.1	7.0
NE	1.9	4.4	4.9	1.4	.1			1				12.8	6.9
ENE	3.0	5.1	2.9	•3	• 3						<u> </u>	11.6	5.7
E	3.2	3.0	• 4					l		<u> </u>		5.7	3.7
ESE	• 9											- 9	2.0
SE	• 5	.6	•1									1.3	3.9
SSE	1.0	1.2	• 8	.1			<u> </u>					3.0	5.1
S	1.6	1.6	2.8	1.8	•3							8.2	8.0
SSW	1.0	1.5	3.2	4.0	1.2	• 3		Γ		T		11.2	11.0
SW:	1.0	1.2	3.5	3.1	1.6	-8						11.2	11.7
wsw	1.6	1.1	1.3	1.6	•1	•2	•2	•1	 			6.2	9.2
w	1.2	1.1	1.1	. 4					<u> </u>	1		3.8	6.4
WNW	•1	•3	•5	•1				i				1.1	6.9
· NW	.3	•2	-1	•2					 	!	<u> </u>	.9	6.6
NNW	•1	•2								1	1	• 3	3.7
VARBL								1		1			
CALM		$\supset <$	$\supset \subset$		$\supset <$	> <	$\supset \subset$					12.0	
	19.5	24.2	24.4	14.3	4.0	1.3	•2	•1	T			100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	JAN
STATION	STATION MAME	YELES	HOATH
		ALL WEATHER	1500-1700
		CLASS	HOVES (L.E.T.)
		COMPITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•1	• 9	•3	•1				i		 		1.4	6.3
NNE	2.2	3.8	1.7	• 9	• 4							8.9	6.5
NE	1.5	4.6	3.1	• 5				l				9.8	6.1
ENE	2.9	3.2	2.3	• 3						i		8.7	5.2
E	2.2	3.2	1.1									6.5	4.5
ESE	• 5	•6	•2	i								1.5	4.1
SE	•5	•6					<u> </u>	i				1.2	3.8
SSE	1.4	.9	-6	•1								3.0	4.7
5	1.9	3.0	2.3	1.8	• 2			1	i			7.2	7.2
SSW	1.3	1.8	2.3	2.9	1.3	• 3						9.9	13.4
SW	1.5	2.7	1.8	4.2	•8	•9				1		11.8	10.6
wsw	1.4	3.1	•5	•9	•4	•1						6.5	6.9
	•6	1.1	1.0	•1	•1	•1					i	3.0	7.0
WNW	• 4	•5	•3	•1		i						1.4	5.6
NW	•1		•1	•1								• 3	8.7
NNW		•4										.4	4.3
VARBL													
CALM		$\supset <$	$\supset <$	$\supset \subset$	> <	$\supset \subset$	$\supset \subset$		$\supset <$	$\supset <$	><	16.5	
5	18.7	30.5	17.6	12.0	3.2	1.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FAIRCHILD AFB WA

24114

SURFACE WINDS

JAN

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

79-79

		PINITUM NAME 10000												
		ALL WEATHER											1800-200C	
	_				C	AM						MONS	S (LS.T.)	
	_				COM	DITION								
	_									_				
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
N	• 5	1.9	•6	•1				 				3.2	5.	
NNE ;	1.2	3.7	2.0	• 8	• 2					1		7.8	5.	
NE	1.6	4.5	2.0	•2	i ——	i — —				<u> </u>		8.4	5.1	
ENE	1.5	3.9	1.8		i		i ——		†			7.2	5.	
E	2.2	1.4	•1	-1	i							3.8	3.	
ESE	• 2	•5	•3	•1	i							1.2	5.	
SE	• 9	• 9	•1	•1		 						1.9	4.	
SSE	1.1	1.3	•2	-1				 				2.7	4.	
S	1.9	2.5	1.8	1.7	•1				T			8.1	7.	
ssw	2.3	2.4	2.3	3.2	1.2	.6	i	 	1	1		11.9	9.	
sw	1.4	2.2	1.9	2.7	1.5	• 5	•1	T	T	T		10.3	10.	
wsw	2.2	1.7	1.0	•8	• 3			T	1			5.9	6.	
w	1.4	1.3	•2	•1								3.0	4.	
WNW	• 5	•6	•1									1.4	4.	
NW _	•1	•1	•2	•1								• 5	7.	
NNW	•1	•9		T	 							1.0	4.	
VARBL				T										
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$			$\triangleright <$	$\supset <$	$\supset <$	$\supset <$	21.6		
	19.1	29.7	14.8	10-1	3.3	1.2	. 1	T	1			100-0	5.	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRC	HILD A	FB WA	B #A 70-79										JAN	
STATION			STATIO	S MARE		ALL WE	ATHER			rears				•3678 1−2300	
		_					1A36							ES (L.S.T.)	
		_				COI	DITION								
		-													
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED	
	N	.9	1.1	•6	-4	<u> </u>	 	 		 	 		1.1	6.5	
	NNE	1.2	2.5	Zec	•1	-1	•1				I		6.0	6.3	
	NE	2.7	3.7	2.0	•5	•2	1	i			1		9.1	5.6	
	ENE	1.9	3.7	2.3	•3								8.2	5.4	
	Ε	1.5	1.7							T			3.3	3.4	
	ESE	• 4	•5	•4	·I			<u> </u>			i —		1.5	6.4	
	SE	• 3	• 3	•3			1	Γ			<u> </u>		1.0	5.2	
	SSE	1.0	1.3	1.2	.2				l —		T		3.7	5.6	
	S	1.9	2.6	2.5	1.0	• 4	Γ	l					8.4	7.2	
	SSW	1.4	3.1	3.0	3.9	•9	• 4	• 3		Γ	1		13.0	10,3	
	5W	1.2	2.2	1.8	3.3	1.0	• 5	 	i	1	\Box		10.0	10.5	
	wsw	1.7	•9	.4	.8	•1	1.1						4.0	6.6	
	w	8.	•8	•2	1					T	\vdash		1.7	4.1	
	WNW	• 3	•2	•1			 				1		•6	3.8	
	NW	•2		• 3	•1	T							.6	7.0	
			- 5	- 3		;		 	 				1 1 3	4.7	

TOTAL NUMBER OF OBSERVATIONS

930

100.0

USAFETAC FORM 0-8-5 (OL-A) PPEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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24.9 17.5 19.8 2.7 1.2

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	RCHILD AFB WA 70-79			
STATION	SHAR MOITATS	TELES	60475		
		ALL WEATHER	ALL		
		CLUM	NOTES (LS.T.)		
		CONDITION			
		· · · · · · · · · · · · · · · · · · ·			

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	mwaninga.	MEAN WIND SPEED
N	- 8	1.3	•6	•2	• 3		i	:	 	<u> </u>		2.9	5.4
NNE	1.6	3.0	2.0	•6	•2	•0				i	i	7.5	6.5
NE	2.2	4 • 3	3.0	•8	•1			1		1	Ι	10-3	6.2
ENE	2.3	4.0	2.4	•2	•1			·		<u> </u>		9.0	5.4
Ε	2-1	2.0	• 4	•0					 	i ·		4.5	3.9
ESE	• 5	• 4	•2	•0				!		T		1.1	4.3
SE	• 5	• 5	•1	•1				T				1.3	4.8
SSE	• 8	1.1	.7	•2	•17	1		 			 	2.7	5.5
S	1.9	2.9	2.4	1.5	•2	•0		T		T		8 - 5	7.1
SSW	1.2	2.4	3.1	3.6	1.2	• 4	•2	•0			<u> </u>	12.2	10.7
SW	1.2	1.7	2.8	3.1	1.1	•5	•1	ļ — — ·				9.5	11.1
wsw	1.3	1.3	.8	.8	•2	•2	• 0	.0	 	 	 	4.5	7.8
w	1.2	1.0	•5	•2	•1	.0		1	T	1		₹ Z.9	5.4
WNV!	• 4	.4	2	•1			l					1.0	5.0
NW	• 2	•2	• 5	•1		i				1		• 6	6.4
NKW	• 3	.5	1.	·I	T	 		T				1.0	4.7
VARSE			1		Ι			 				Ī —	
CAUM		\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes		\boxtimes	>	$\supset <$	19.8	
	18.6	26.8	13.5	11.4	3.3	1.2	•3	•1				100.0	5.9

TOTAL NUMBER OF DESERVATIONS . 7440

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-114	FAIRCHILD AFB WA	70-79	FEB
STATION	STATION NAME	YEAR	90019
		ALL WEATHER	9000-0200
		CLAMS	98825 (E.S.T.)
		CORDITION	

SPEED (KITS) DIR.	1 - 3	- 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	W. Teaching	MEAN WIND SPEED
N	.5	• 5	• 5	.1		1				<u> </u>		1.7	5.6
NNE	2.4	6.	1.1	•6	:			i		1	i	4 4 . 8	5.4
NE	1.8	3.5	2.1	1.5	I	• 4		i — —		— —		9.3	7.1
ENE	2.5	4.0	1.3	•7	Ī					I	T	8.5	5.2
E	₹ 2•€	1.4	• 5							i		3.9	3.5
ESE	• 5	•5	•1				!	·			ī	1.2	3.5
SE	• 9	8.	• 6	• 4						T		2.7	5.7
SSE	1.1	1.9	•2	.1	•1		!				i	3.4	5.0
S	2.3	3.9	1.8	1.1	•1	•1					1	9 - 8	6.3
SSW	1.3	4.4	4.5	3.5	1.2	.4						15.2	9.2
SW	1.2	1.8	2.5	3.2	•8	•2	• 1	Ī	1	 	<u> </u>	9.8	19.Z
wsw	• 5	.8	.7	•2	•2	i				T		2.5	7.6
w	• 5	• 4	•4	, ·2	•1							1.7	7.0
WWW	• 2	•6	•2			i T						1.1	5.4
NW	• 1	•1	•2			T						• 5	6.0
NHW	• 2	• 4	•1									.7	4.3
VARM												1	
CALM		\geq	\geq	\geq	\geq	\geq	\geq	\geq	$\geq \leq$	\boxtimes		23.2	
	18.7	25.9	16.8	11.7	2.6	1.1	•1	T				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC D-S-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM PT OBSOLET

THE RESIDENCE OF THE PROPERTY

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79		FEB
STATION	STATION HAME		YEARS	HOMTH
		ALL WEATHER		0300-0500
		CLASS		HOURE (L.S T.)
		CONDITION		

	22.0	25.9	18.0	10.5	2.0	1.7	•2		1	1		100.0	5.
CYFW	\times	$\geq \leq$	$\geq <$			><	$\geq <$		$\geq <$		><	19.7	
VARBL													
NV.A	• 2	• 1										• 4	3.
NW		• 1	•1									• 2	6.
WNW	• 5	• 6	• 2									1.3	4.
w	• 8	• 9	.4		•1	•1						2.4	6.
wsw	• 2	.7	.7	• 6	•5	·I						2.8	10.
sw	1.3	2,2	2.4	2.7	• 4	• 5	•2					9.7	9.
SSW	1.4	3.1	5.8	3.4	•6	•7				1		15.0	9.
\$	2.8	4.0	1.3	• 9		i	,		1			9.1	5.
SSE	1.2	1.1	1.1	• 5								3.8	6.
SE	•8	•7	• 2	• 4								2.1	5.
ESE	• 5	•5	• 6									1.5	5.
E	1.9	1.1	-8	 			1	l	† 			3.8	4.
ENE	4.1	4.3	1.2	• 5			 	l	 			10.0	4.
NE	3.5	4.1	1.5	1.2	• 2	• 2	 	 		i		10.9	6.
NNE	1.9	1.7	1.4	.4	•2			 	†	i — —		5.6	5.
N	.7	.7	•2						 			1.7	4.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

846

USAFETAC $_{
m AUL~64}^{
m FORM}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB WA		70-79	FEB	
STATION		STATION NAME			YEARS	МУКОМ
			ALI	L WEATHER		0600-0800
				CLASS		HOURS (L S.T.)
				CONDITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 7	• 4	•1									1.2	3.7
NNE	2.1	2.7	1.5	• 4	•1					<u> </u>		6.9	5.5
NE	1.4	5.7	1.7	• 4	• 5	• 2		T		i		9.8	6.6
ENE	2.7	5.6	4.3	• 2								12.8	5.6
E	1.9	1.5	•6				 	<u> </u>				4.0	4.2
ESE	• 4		•1	•1							i	• 6	5.6
SE	• 8	•2	• 2	•2			ı ———					1.5	5.5
5SE	.7	• 9	• 7	• 4	•1				1	 		2.8	6.3
S	2.4	4.6	3.8	• 9			i	1				11.7	6.2
SSW	1.7	3.8	6.3	4.4	• 8	• 4	•1	<u> </u>	1	i — —		17.4	9.3
SW	• 5	2.5	2.2	2.6	.8	• 2	•2		1			9.2	10.2
WSW	• 8	•1	•2	.8	•4	.1		i			i	2.5	9.8
w	• 5	•6	• 4			•1	i		 			1.5	6.1
WNW	•1	•2	• 2									• 6	5.2
NW		• 5	•1									•6	5.2
NNW	• 1					i						•1	3.0
VARBL									1				
CALM		\boxtimes	\boxtimes		\boxtimes	$\supset \subset$			\supset			16.8	
	16.9	29.3	22.5	10.4	2.7	1.1	. 4					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 84

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	FEB
STATION	STATION NAME	YEARS	муном
		ALL WEATHER	3900-1100
	,	CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	2° 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 2	•6	• 2									1.1	4.8
NNE	• 9	1.8	1.1	-6	•2	• 2	i					4.8	7.7
NE	2.2	4.6	3.5	• 5	• 4	• 4						11.6	6.7
ENE	1.9	5.8	5.2	-8								13.7	6.3
E	1.9	4 . 3	1.2	•1						t		7.4	4.9
ESE	•1	• 2	1	•2								•7	7.5
SE	.7	1.1		•2								2.0	4.9
SSE	•6	1.1	1.1	• 2								3.0	5.8
S	2.2	4.1	4 • 5	• 9			T			1		11.8	6.4
ssw	1.3	4.4	5.2	4.6	•6	• 2						16.3	9.0
sw	1.1	2.4	3.4	3.7	•9	• 5		1				11.9	10.6
WSW	.1	• 7	• 8	• 9	•5	• 2						3.3	11.5
w	•6	• 4	•7	• 4	•1				 			2.1	7.8
WNW	• 4	•2	•1	•2					1	i		.9	6.3
NW	•1	•2		•1	i	<u> </u>		1				•5	6.0
NNW		•2								1		•2	5.0
VARBL									1	 			
CALM		\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\supset	\supset	$\supset <$		8 • 5	
	14.4	32.0	27.2	13.6	2.7	1.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC $_{
m AN,~64}^{
m FORM}$ 0-8-5 (OL-A) previous editions of this form are desolete

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIP *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHI	LD AFS	w A				79-	79					F	EB
STATION			STATIO	N HAME		ALL WE			,	rears			1200	-1400
							HOITION						HOUR	tš (L.\$.T.)
I				1			1							,
	SPEED (KNTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN

	17.1	27.7	25.2	14.9	4.8	1.1	•5	•1				100.0	7.2
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	8.6	
VARBL													
NNW	• 1	•1										• 2	4.5
NW	•1	• 2	• 1	•2								• 7	7.7
WNW	• 2	• 4	• 1									• 7	5.2
w	1.3	1.8	1.7	1.4	•2	•1						6.5	8.0
wsw	1.3	1.7	2.4	2.5	•8	•1	•2			l'		9.0	9.7
sw	1.3	2.4	3.5	4.0	1.5	•6	• i	•1				13.6	11.0
SSW	• 8	2.7	3.4	3.5	1.1					T		11.6	9.7
5	2.2	3.1	2.6	1.2						1		9.1	6 . :
SSE	• 6	1.8	1.2	•6					 	 		4.1	6.5
SE	1.3	1.4	• 8							·		3.5	4 - 8
ESE	• 9	•8	• 5	•1								2.4	5.1
E	2.4	2.5	•6							 		5.4	4.0
ENE	1.7	2.5	3.4	• 4						 		7.9	6.0
NE	1.4	4.5	3.5	•6	• 5	•2	•1			 		10.9	7.4
NNE	.7	1.4	1.1	. 4	.7							4.3	8 • 4
N	• 7	• 5	• 2							 		1.4	4.0
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

ALL CONTRACTOR OF THE SECOND OF THE PROPERTY O

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AIRCHILD AFB WA	79-79	FEB
STATION NAME	YEARS	MONTH
	ALL WEATHER	1500-1700
	CLASS	HOURS (L.S.T.)
		_
	CONDITION	_
		STATION NAME ALL WEATHER CLASS

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	•6	• 2									1.9	3.7
NNE	1.4	3.2	•8	•6	• 4	•1	i — —		I	 		6.5	6.7
NE	1.9	3.9	3.2	• 5	• 5	• 2				i		10.2	7.0
ENE	2.2	3.1	•8	•2								5.4	4.9
Ε	• 9	1.5	•1						ļ		l	2.5	4.1
ESE	• 5	1.1	•1								i	1.7	4.1
SE	1.3	•6	•9									2.8	4.9
SSE	1.5	1.7	1.2	• 4			!		1	I	1	4.7	5.4
S	1.4	3.0	1.5	• 9	•1					l	i	7.0	6.5
SSW	•7	2.4	4.1	2.1	• 5	•2	1			T		10.0	9.1
s₩	1.7	3.2	4.0	3.1	.8	•2	l		<u> </u>	i		13.0	8.9
WSW	2.5	2.7	3.1	1.3	.9		• 2				l	10.8	8.1
w	• 8	1.8	2.1	• 9	•5	• 4				T		6.5	8.9
WNW	• 2	• 1	•6	.1	•1	ļ	1					1.2	7.5
NW	• 6	• 4		•1								1.1	4.2
WWW	•7	•1	T									• 8	2.6
VARBL			1								 	1	
CALM	><	\boxtimes	\times	\times	\boxtimes	\sim	\boxtimes		\geq	\geq		12.9	
	19.5	29.2	22.9	13.3	3.8	1.2	•2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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. 2 GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FAI	RCHILD	AFB WA				70-	79						EB
		STATIO	N MARE		ALL WE	ATHER			YSARS			1800	-2006 -(C.S.7.)
					cos	IDITION							
SPEED (KNTS DIR.		4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N	1.2	.4	•2	 					<u> </u>			1.8	3.6
NNE	2.6	2.7	1.2	1.1	•1		 			 		7.7	6.0
NE	1.9	3.0	1.5	-8		• 2	•1			j		7.6	6.7
ENE	2.5	2.8	1,3	.1	• 2				 			6.9	5.1
E	1.8	2.4	•2	 	 	i	 					4.4	3.8
ESE	.7	•2				·	 					•9	2.6
SE	.9	• 9	• 4			1			 			2.2	4.4
S E	1.5	1.1	•6	•1		 	!					3.3	4.5
\$	2.1	2.7	3.0	• 5	1	T	l		1			8.3	5.9
SSW	2.1	3.7	3 • 8	2.2	•7	• 4						12.9	8.1
sw	2.1		1.8	2.7	•6	• 4						9.0	9.4
WSW	2.0	1.9	1.4	1.1	•5	• 1						7.0	7.5
w	1.2	1.8	• 6	• 5								4.0	5•5
WNW			•1									1.7	3.7
NW	• 5		• 4									.7	6.2
NNW	• 5	•1	•1									• 7	3.8
VARB	L]												
CALA		$\supset <$	$\geq <$	$\geq \leq$	$\triangleright <$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq <$	$\geq \leq$	21.0	
	24.3	25.8	16.4	9.1	2.1	1.1	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

846

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOS DUSAF AIR

C

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	FEB
MOITATE	STATION NAME	TEARS	MONTH
		ALL WEATHER	2100-2390
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.1	•1									2.2	4.1
NNE	1.5	1.5	• 5	•8	• 2	•1						4.7	6.8
NE	2.1	4.4	2.1	1.1	• 2					 		9.9	5.
ENE	2.7	4.1	1.3	•6								8.7	5.2
ε	1.7	1.4	•2									3.3	3.0
ESE	•2	•1										-4	3.1
SE	• 9	1.1		•2								2.2	40:
SSE	1.7	1.1	• 5	•2								3.4	401
S	3.0	4.0	2.2	1.2								10.4	5.9
SSW	1.8	3.9	2.2	4.1	• 5	-1						12.6	8.0
sw	1.7	1.4	2.4	2.7	• 5	• 5	• 2					9.5	10.
wsw	.7	• 8	•8	8.	l	•1						3.3	7.1
w	• 8	1.9	• 8	• 5	i							4.0	5.
WNW	•2	• 8	•2	1								1.3	4.
NW	•1	•2	•2									•6	5.
NNW		•6										•6	4.1
VARBL													
CALM		$\supset \subset$	$\supset \subset$	$\supset \subset$		$\supset \subset$	> <	> <	$\supset <$	$\supset \subset$		22.7	
	20.2	28.5	13.7	12.3	1.5	•8	•2					100.0	5.

TOTAL NUMBER OF OBSERVATIONS

846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	₩A		70-	79					F	EB
STATION			STATION NAME	 				YEARS				MORTH
				ALL WE	ATHER						A	LL
				 CI	LASS				_		HOUP	ES (L.S.T.)
				CÓN	HOITION							
				 					—			
Γ	SPEED	\top		 			Γ		r ——	T	T	MEAN

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.8	• 6	• 2	•0						 		1.6	4.2
NNE	1.7	2.0	1.1	•6	•3	• 1		i				5.7	6.4
NE	2.0	4.2	2.4	• 8	• 3	•2	•0	i — —	·	l		10.0	6.7
ENE	2.5	4.0	2.3	• 4	•0							9.4	5.4
E	1.8	2.0	• 5	•0					 			4.4	4.2
ESE	•5	• 4	• 2	•1							i	1.2	4.7
SE	1.0	• 9	• 4	• 2							i	2.4	5.0
SSE	1.1	1.3	.8	• 3	•0			i				3.6	5.5
5	2.4	3.7	2.6	1.0	•0	• 9		 				9.6	6.1
SSW	1.4	3.5	4.4	3.5	•7	• 3	• 0	 				13.9	9.1
SW	1.4	2.2	2.8	3.1	•8	• 4	• 1	•0		<u> </u>		10.7	10.1
WSW	1.0	1.2	1.3	1.0	•5	•1	•1			 		5.1	8.8
w	•8	1.2	• 9	•5	• 1	•1		 	<u> </u>	i ——		3.6	7.3
WNW	•4	.4	•2	•0	•0							1.1	5.2
NW	•2	•2	•1	-1		i						.6	5.7
NNW	•2	• 2	•0					i				• 5	3.9
VARBL		 						 		T			
CALM			$\supset <$	$\supset \subset$	$\supset <$	$\supset \subset$	\supset	$\supset <$	$\supset <$			16.7	
	19.1	28.0	20.3	11.6	2.8	1.2	•2	•0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 6768

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	73-79	MAR
STATION	STATION MANE	724	no at the second
		ALL WEATHER	0000-0200
		CLASS	HOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	-8	1.0	•2					i	1			1.9	4.3
NNE	1.1	1.6	1.2	• 5	.1						i	4.5	6.3
NE	1.8	1.4	.8	•1						i	l	4.1	4.7
ENE	2.2	3.9	•9	•2	i		i	i	 		 	7.1	4.8
E	1.6	•6	.5					i — —	 	 	i	2.8	3.7
ESE	1.1	• 5	•3				i			 	 	1.9	3.9
SE	• 9	•3	•4						 		 	1.5	4.0
SSE	1.4	• 9	• 4	i						 		2.7	4.2
S	3.3	5.4	3.3	•2	•1		i				 	12.4	5.4
SSW	1.9	3.3	6.2	2.2	• 3	•2				\vdash		14.2	8.1
SW	1.2	2.6	3.9	2.7	•2		i ——	i				10.5	8.5
WSW	1.3	1.8	1.0	•6	•1	• 3						5.2	7.4
w	1.4	2.3	• 4	.6								4.7	5.5
WNW	•8	2.2	•5	•3	i					 	i	3.8	5.3
NW	.4	•6	•3		l	i						1.4	4.8
NNW	• 3	.9										1.2	4.3
VARBL			†							1	 		
CALM		$\supset <$	$\supset <$	$\supset <$		$\supset \subset$	$\supset \subset$			$\supset <$		20.0	
	21.4	29.2	20.4	7.5	•9	•5		T		T		100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

ISAFETAC FORM 0-9-5 (O) -A) PREVIOUS EDITIONS OF THIS FORM ARE DISOCET

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR NEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	MAR
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	MOVES (1.8.7.)
		COMPLITION	
			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.0	•8	•1				 			i	3.0	5.2
NNE	2.4	1.3	1.7	•2						i	 	5.6	5.1
NE	1.3	2.0	1.5	• 3	•1		l			Γ		5.3	5.9
ENE	3.1	2.3	• 9	•1			<u>-</u>	i — —				5.9	4.3
Ε	1.7	2.0	• 5								1	4.3	4.3
ESE	. 9	•8	•1			[1	 				1.7	3.6
SE	1.0	1.1	• 2				I		i			2.3	3.9
SSE	. 8	1.5	• 8	i ——			!					3.0	5.1
\$	3.7	4.4	5.5	•1			i	·				13.7	5.6
SSW	1.7	5.1	5.4	3.2	•3							15.7	8.0
SW	1.1	1.4	4.5	2.9	•1			 	i — —	i		10.0	9.1
WSW	.6	1.3	•5	•2		•3						3.0	7.4
W	1.8	2.4	•8	•6								4.7	5.9
WNW	• 4	1.4	.4	•2		l	1		i			2.5	5.7
NW	• 3	• 3	•1	•2	<u> </u>				1			1.0	5.8
NNW	•3	• 9	•1		i	 			1			1.3	4.3
VARBL	1								l				
CALM	$\supset <$		> <	$\supset <$				$\supset <$	$\supset <$	$\supset <$		16.1	
	21.4	29.6	23.8	8.3	•5	•3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

THE RESIDENCE OF THE PROPERTY

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JLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

FAIRCHILD AFB WA

SURFACE WINDS

930

TOTAL NUMBER OF OSSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70-79

					ALL WE	ATHER						0600	-080
	_				c	LASS						MOVA	\$ (L.S.T.
	-				COM	DITION							
SPEED (KNTS) DIR,	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA! WIN SPEE
N	• 6	1.1	-3	•2				i		 		2.3	5.
NNE	1.0	1.5	1.7	•5				İ				4.7	6.
ΝĘ	1.7	2.3	1.8	•6	i	i	l	l	 	i		6.5	6.
ENE	2.6	4.8	2.3	• 4	i				l —			10.1	5.
E	2.4	1.3	1.3	•1		i —						5.1	4.
ESE	1.1	•9	•5	•1			 					2.6	4.
SE	1.2	1.2	8.	i			i	T	i —			3.1	4.
SSE	. 9	2.3	•2	•2	!	T		T				3.5	4.
S	3.0	5.5	3.0	• 3		T		Γ				11.8	5.
SSW	1.1	4.7	6.2	3.2	•2					ļ —		15.5	8.
SW	.9	2.0	4.3	2.5	• 5	•1	-1		T			10.4	9.
WSW	• 4	1.2	•6	1.2	•2							3.7	8.
w	1.1	1.2	1.2	•9								4.3	7.
WNW	• 6	1.1	. 4									2.2	4.
NW	•1	•2	•1				I					• 4	5.
NNW	•2	•3	•3									.9	5.
VARBL													
CAUM										$\supset \subset$		13.0	
	18.8	31.5	25.2	10.3	1.0	•1	•1		T	T		100.0	5.

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	MAR
STATION	STATION NAME	YELES	MORTH
		ALL WEATHER	0900-1100
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPLED
N	1.2	. 9	• 3	• 3								2.7	5.4
NNE	1.1	1.3	1.7	1.1				<u> </u>		 -	i	5.2	2
NE	• 3	2.5	4.0	•5	•2			i		Ī		7.5	7.1
ENE	• 6	2.2	3.5	•6	•1				i — —			7.1	7.4
Ε	1.5	2.7	1.6	•3						i — —	<u> </u>	6.1	5.7
ESE	• 5	• 4	1.2	•1						i		2.3	6.8
SE	• 5	1.5	• 9	•2						i		3.2	6.1
SSE	• 8	2.2	2.0	•5								5.5	6.5
\$	3.8	4.4	4.4	1.1								13.7	5.9
ssw	1.2	4.8	5.1	3.4	•2	•3				 		15.1	8 - 4
sw	1.5	2.2	4.8	3.9	1.4	• 2	• 3		i —			14.3	10.5
wsw	• 5	1.3	2.3	1.1	•2	•1	i	!			i	5.5	9.1
w	• 5	• 9	1.8	1.6	•4	•1						5.4	9.5
WWW	• 2	• 3	• 9	•2								1.6	7.:
NW	• 3	•1	•1	•2	i			I——				• 8	6.3
NNW	•1	•2	•4	.9								1.6	9.9
VARBL										 		1	
CALM	> <	$\supset <$	$\supset \subset$	$\supset \subset$		$\supset <$	> <			$\supset \subset$		2.6	
	14.8	27.7	35.1	16.1	2.6	•8	•3		<u> </u>			100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $_{\mbox{AR, 64}}^{\mbox{FORM}}$ 0-8-5 (OL-A) previous editions of this form are desolete

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	79-79	MAR
STATION	STATION NAME	TEARS	80478
		ALL WEATHER	1200-1400
		CLASS	SOVES (L.S.T.)
			
		CORDITION	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	• 4	• 4	•3						!		2.4	4.8
NNE	. 8	1.3	1.0	•5	• 2	•1				I		3.5	5.4
NE	. 8	1.9	2.6	•1			;	1		T		5 - 4	6.3
ENE	. 3	2.3	1.7	•2	• 1		i ———					5.1	6.5
Ε	8.	1.1	1.0	•1			i			T		2.9	5.9
ESE	<u> 1</u>	• 5	• 4	•1								1.5	6.7
SE	₹ •5	• 9	1.3	•2		<u> </u>				i		2.9	6.8
SSE	. 5	1.9	2.0	• 5			!	i				5 - Z	7.1
S	1.5	3.5	4.4	•5	i T	·	i	i	 	 		19.0	6.5
SSW	1.1	3.4	4.5	3 • 3	•2							12.5	8.4
SW	1.5	2.8	6.5	4.5	1.1	• 9	•1		1	1		17.6	10.4
wsw	• 9	1.8	3.4	3.9	• 5	<u> </u>	i	•1	Г	 		10.8	10.1
w	8.	2.4	2.4	3.4	•2	•2			i			9.4	9.5
WNW	• 8	•6	• 8	•5	i						i	2.7	6.8
NW	1 .6	.4	•5	•2	1	i						1.8	5.9
NHW	. 0	•1	.8	•3								1.6	7.3
VARSL	1					·	1			1		!	
CAUM		\geq	\geq	\geq	\geq	\boxtimes	\geq	\boxtimes	\geq	\geq		5.1	
	13.0	25.2	34.0	18.9	2.5	1.2	•1	•1		1		100.0	7.8

TOTAL NUMBER OF DESERVATIONS 930

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

STATE OF THE PROPERTY OF THE P

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2-114

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIP "EATHER SERVICE/MAC

SSW

SW

WNW

MW

VARBL CALM

3.D

3.0

3.1

1.4

• 5

.9

.8 1.4

-8

• 5

.8

6.6

6.1

3.4

1.2

•6

• 4

4.5

3.4

•2

•1

-1

•3

FAIRCHILD AFB WA

SURFACE WINDS

MAR

9.9

9.3

8.6

6.6

6.2

5.4

15.7

11.7

3.9

1.9

2.2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70-79

STATION			STATION	MARK						PEAR				B0071
						ALL XE	ATHER						1500	-1700
		_					1.96						1002	S (LS.T.)
		-				CON	ortion.							
	SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	• 4 i	•6	• 5			i	<u> </u>	!	i			1.6	5.4
	NNE	1.5	• 9	1.2	-4	• 1			I				4.1	6.2
	NE	• 9	1.7	1.5	• 9	•1	ī		T	i			5.1	7.2
	ENE	• 5	• 9	1.9	• 3		i	i T					3.8	7.0
	E	5	• 9	• 6	•1		i	!	i				2.3	5.9
	ESE	• 2 1	• 4	•6	4	!							1.3	6.2
	SE	• 8	1.4	• 5	•1			1					2.9	5.2
	SSE	1.3	1.3	1.2	•2			!					3.7	5.9
	S	1.5	3.8	4.3	-8	•2			!				10.5	6.9
	SSW	1.0	2.5	3.9	1.5		!		1				8.5	7.5

100.0 7.4 TOTAL NUMBER OF OBSERVATIONS 930

2

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHIR SERVICE/MAC

WNW

NW

NNW VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

114	LAIK	HILD A	LR MA				1 45-	17						AK
STATION			STATIO	S MAN E					1	EARS			 -	IONTH
						ALL WE	ATHER						1800	-2000
		_				c	LASS						Nons	\$ (L.S.T.)
		_				cox	DITION							
		_												
	SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥56	%	MEAN WIND SPEED
	N N	1.2	• 4	• 2	•1		 			 	 		1.9	4.1
	NNE	1.2	3.8	• 5	 		 		 	 			5.5	4.5
	NE	• 5	1.4	• 4	•2		<u> </u>			 	 		2.5	5.6
	ENE	•6	1.5	. 8	• 4	1	 			 	 		3.3	6.5
	E	.9	1.1	• 5	• 2	 					 		2.8	5.7
	ESE	• 5	1.4	•2		 	†	 		 	1		2.2	4.4
	SE	1.0	• 6	.1	 		 				 		1.7	3.3
	SSE	1.3	• 6	• 3	• 3	<u> </u>	 		 	 	 		2.6	5.1
	S	3.5	4.0	1.5	•6		 			 			9.7	5.1
	ssw	2.6	4 • 3	2.9	1.2	•1	1			1			11.1	5.2
	5W	1.9	3.8	4.6	2.6	• 8	•3		 		 		14.0	8.5
	wsw	1.8	3.2	1.5	1.7	•1	·I		† -	1			8.5	7.11
		 		 		 	 		 		 	 -	0 - 7 -	- Z 74

TOTAL NUMBER OF OBSERVATIONS 930

4.6

3.8

4.9

1.8

20.1

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

8.3

17.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

MAR

2100-2300

HOURS (L S T.)

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

USAFETAC FORM 0-8-5 (OL=A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

79-79

SSW 2 SW 2 SW 1 W 2 WhW NW NW NW NW NW NW N	.8 .2 .6 .2 .3 .0 .6	3.9 4.7 2.7 2.6 2.3 1.2 1.1	2.2 3.9 3.1 2.4 1.2 .2 .2 .4	.1 1.6 3.2 1.0 .5	.3 .4 .1	•2						9.4 12.4 12.2 7.3 6.1 2.0 1.6 2.5	4 7 9 7 5 4 4
\$ 3 \$5W 1 \$W 2 W5W 1 W 2 WNW 2 WNW 1	.2 .6 .2 .3 .0	3.9 4.7 2.7 2.6 2.3 1.2	2.2 3.9 3.1 2.4 1.2 .2	1.6 3.2 1.0	• 4	L						12.4 12.2 7.3 6.1 2.0 1.6 2.5	4 7 9 7 5 4
\$ 3 \$\$\times\$ 1 \$\times\$ 2 \times\$ \times\$ 1 \times\$ 2 \times\$ \times\$ 2 \times\$ \times\$ 2	.2 .6 .2 .3 .0	3.9 4.7 2.7 2.6 2.3 1.2	2.2 3.9 3.1 2.4 1.2 .2	1.6 3.2 1.0	• 4	L						12.4 12.2 7.3 6.1 2.0 1.6	7 7 7 5 4
\$ 3 ssw 1 sw 2 wsw 1 w 2 wnw 2	.2 .6 .2 .3 .0	3.9 4.7 2.7 2.6 2.3 1.2	2.2 3.9 3.1 2.4 1.2 .2	1.6 3.2 1.0	• 4	L						12.4 12.2 7.3 6.1 2.0 1.6	5 5 6
s 3 ssw 1 sw 2 wsw 1 w 2	.2 .6 .2 .3	3.9 4.7 2.7 2.6 2.3 1.2	2.2 3.9 3.1 2.4 1.2	1.6 3.2 1.0	• 4	L						12.4 12.2 7.3 6.1	5
s 3 ssw 1 sw 2 wsw 1	• 2 • 6 • 2	3.9 4.7 2.7 2.6	2.2 3.9 3.1 2.4	1.6 3.2 1.0	• 4	L						12.4 12.2 7.3 6.1	5
s 3 ssw 1 sw 2 wsw 1	• 2 • 6 • 2	3.9 4.7 2.7	2.2 3.9 3.1	1.6 3.2	• 4	L						12.4	
s 3 ssw 1	.6	3.9	2 • 2 3 • 9	1.6		L						12.4	
s 3	.2	3.9	2.2		• 3	•2			-				
	I			•1					T			9.4	1
SSE 1	• 8	7.07											
		1.5	• 2	•1					 			3.7	1-7
SE I	• 3	• 8	• 3			 			 			2.4	1
ESE	.4	• 5	•1			 			 			1.1	
E 1	.5	1.4	•1	•1					 			3.1	1
	.1	1.8	• 9	•1								3.9	1
	-3	1.8	1.2	•1						 		4.4	1 - 3
	.4	• 9	• 4						 	 		1.7	1 -
N 1	.3	1.0	• 5							 		2.8	1 4
SPEED (KNTS) 1 -	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	M W

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

24114

FAIRCHILD AFB WA

SURFACE WINDS

MAR

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70-79

OM		STATIO	NAME	_	YSARS								HONTH	
		ALL WEATHER										ALL		
	_					HOUE	\$ (L.S.T.)							
	-				COM	MOITION								
	_													
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
N	1.0	• 8	• 4	.1								2.3	4.9	
NNE	1.2	1.5	1.2	• 4	•1	• 9			i			4.4	6.2	
NE	1.1	1.9	1.7	• 4	•1				l	i — — —		5.1	6.2	
ENE	1.5	2.5	1.6	• 3	•0				 	i		5.9	5.7	
E	1.4	1.4	• 8	-1					í			3.7	5.0	
ESE	•6	• 7	• 4	•0					 	 		1.8	5.0	
SE	• 9	1.0	•6	•1					 			2.5	4.9	
SSE	1.1	1.5	• 9	•2						 		3.7	5.6	
s	2.9	4.4	3.6	•5	. 12							11.4	5.7	
SSW	1.5	4.1	4.8	2.5	•2	.1						13.2	7.8	
SW	1.4	2.6	4.8	3.2	•7	• 3	•1					13.1	9.5	
WSW	1.0	2.0	2.2	1.8	• 2	•1		•0				7.3	8.5	
w	1.2	2.2	1.7	1.5	•1	•0						6.8	7.5	
WNW	• 6	1.2	• 6	• 3								2.7	5.8	
NW	• 4	• 5	• 3	• 1								1.3	5.5	
WMM	. 5	.7	• 3	• 2								1.6	5.6	
VARBL														
CALM	$\geq \leq$	\geq	\geq	\geq	\geq	$\geq \leq$	\geq	$\geq \leq$	\geq	\geq	$\geq \leq$	13.3		
{	18.2	28.8	26.0	11.6	1.5	.6	.1	•0				100.0	6.0	

TOTAL NUMBER OF OBSERVATIONS

7440

USAFETAC FORM 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FAIRCHILD AFB WA

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

APR

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		ALL WEATHER CLASS										0000	0000-0200		
												HOUR	HOURS (LS T.)		
	_				CON	DITION									
															
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEI		
N	.8	•6	•1	.1	 			 	 	 		1.6	4.		
NNE	1.7	2.3	•6	1.0	.1				 			5.7	6		
NE	1.6	2.6	1.2	•1	.1			 				5.6	5.		
ENE	1.7	- 9	1.9	•3			<u> </u>	 	1			6.8	5		
E	1.6	1.4	•2	•1	 				ļ	 		3.3	4		
ESE	• 6	•7				i						1.2	3		
SE	1.0	• 3	•1			·		 				1.4	3		
SSE	1.2	• 4	•1							1		1.8	3		
S	1.9	4.8	3.9	• 4	1		i	1	1			11.0	6		
SSW	1.3	4.9	8.9	3.0	1.	•1						18.3	8		
sw	1.4	2.8	2.6	2.1	•2	•1			1			9.2	8		
WSW	1.1	1.9	1.0	• 4	• 2							4.7	6		
w	1.6	1.9	1.3	• 3	•2							5 • 3	5		
WNW	.4	• 9	• 7	• 1								2.1	5		
NW	.7	.7	• 4								Ī,	1.8	4		
NNW	1.0	• 3	• 4									1.8	4		
VARBL															
CALM		$\geq \leq$	$\geq \leq$	\geq			$\geq \leq$		\geq	\geq	$\geq \leq$	18.4			
	10 "	20.7	27 /	0 1	1 0	2						100.0	-		

JSAFETAC FORM 9-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	APR
STATION	STATION NAME	YEARS	RTHOR
		ALL WEATHER	3300-0500
		CLASS	NOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	• 7	1.3	• 2	•1								2.3	5.0
NNE	1.3	1.5		1.3								4.4	6.5
NE	1.9	3.7	• 7			i						6.2	4 • 2
ENE	3.6	4.3	2.4							i		10.3	4.8
E	1.7	1.8	.7									4.1	4.2
ESE	• 9	• 4	• 1			i					 	1.4	3.4
SE	•4	• 3					<u> </u>			j	i	•8	3.6
SSE	. 3	1.0	•1									1.9	3.6
S	1.5	5.7	3.6	• 3			i		1	T		11.1	5.8
SSW	1.7	5.7	10.7	3.0	•1		<u> </u>	T		<u> </u>	1	21.1	7.9
SW	• 9	2.3	3.0	2.6	•6	l		i			·	9.3	9.1
wsw	• 3	1.2	• 4	• 3		•2				 		2.6	8.0
W	• 3	1.2	• 4					T	 	<u> </u>	1	2.0	5.4
WNW	•4	1.0	.7			i — —				1		2.1	5.2
NW	•1	•2										• 3	3.3
NNW	•2	.4	•3	i					1		l	1.0	4.9
VARBL	1							$\overline{}$	1	1	Ι		
CALM					$\supset <$		$\supset \subset$					18.5	
	16.8	32.5	23.4	7.7	.7	•2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-A) previous editions of this form are desolete

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AF	B WA		76-79			APR
STATION		STATION NAME			YEARS		MONTH
			ALL WE	ATHER			0600-0800
	-		CI	ASS			HOURS (L.S.T.)
	<u></u>		CON	DITION			

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 8	. 4	• 6									1.8	4.6
NNE	•1	1.1	1.0	• 8	•1			i — —				3.1	8.4
NE	1.7	2.7	3.2	1.0	•2					 		8.8	7.2
ENE	1.8	4.1	4.2	• 4	•1				Ī			10.7	6.4
E	1.9	3.2	1.3		i							6.5	4.7
ESE	.6	•3	• 4									1.3	4.5
SE	.8	• 9	. 4									2.1	5.0
SSE	1.3	1.1	1.7	•1							į	3.6	4.9
S	2.4	5.5	4.7	•2								12.8	5.6
SSW	• 7	4.3	10.0	5 • 3	•2	• 1						20.7	9.0
sw	• 6	1.1	5.1	3.7	•6	• 1						11.1	10.2
wsw	• 1	• 8	•2	1.1	• 1							2.3	10.4
W	• 6	1.3	• 2		•1							2.2	5.5
WNW	.1	• 7						1				• 8	4.9
NW	• 3	• 3										• 7	4 • C
NNW	• 6	- 1	•1	•1								• 9	4 • 3
VARBL													
CALM	$\geq \leq$	\times		><		><	$\geq <$					10.7	
	14.2	28.0	32.6	12.8	1.4	• 2						100.0	6.5

TOTAL NUMBER OF OSSERVATIONS

899

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

2

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	73-79	APR
STATION	STATION MAME	YEARS	MORTY
		ALL WEATHER	0900-1100
		CLASS	HOVES (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 4	• 2	1.6	•3	i			 				2.6	7.7
NNE	1.2	1.7	• 5	• 4	•2	i		i				3.2	5.9
NE	.7	2.1	2.1	2.1	•6							7.5	8.9
ENE	. 4	2.0	4.1	1.4	•1	i	i					8.1	8.3
E	1.7	3.2	2.3	.4	 	 	 	 	i			7.7	6.0
ESE	.9	•6	•4	 	 	 	 	 	 			1.9	4.5
SE	.7	2.0	• 3	•2	 	i	· · · · · ·		 	 		3.2	5.4
SSE	•2	1.7	1.4	•3	 		 	 				3.7	7.0
5	1.8	2.8	3.2	1.1	•2	 	 	 				9.1	7.1
SSW	•7	3.8	8.4	3.4	•2	 	l	 	 	 		16.5	8.7
SW	• 5	2.6	7.7	5.8	1.8	•1		i	 			18.4	10.6
Wsw	•2	1.0	2.9	2.2	.8	 	 	 	 			7.1	10.5
W	• 3	•6	•6	•6	.7		 	 	 	 		2.7	10.6
WNW	• 3	•2	•2	 	 	 		 	 			.8	4.6
NW	•1	•7	• 3			 	 	 				1.1	5.4
NNW	•2	• 9	• 1		 		1	 	 	 		1.2	4.7
VARSL			 		 		 	 					
CALM		$\supset <$	> <	> <	> <	$\supset \subset$	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$	> <	5.1	
	10.2	25.2	36.3	18.4	4.6	.1	[T	T			100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-114	FAIRCHILD AFB WA	70-79	APR
STATION	STATION MAME	TEARS	NONTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	•6	1.4	• 4	• 4								2.9	6.2
NNE	.8	1.0	• 4	• 8	•2			1				3.2	7.7
NE	• 3	1.4	2.4	• 3	• 3					 		4.9	8.2
ENE	1.3	1.3	1.9	• 9	•7	•1						6.2	8.3
£	1.2	1.9	1.2	• 3	•1				T	i		4.8	5.9
ESE	.7	1.3	• 9	.1								3.0	5.6
SE	1.1	• 6	• 3	•1								201	4 • 3
SSE	•5	1.1	•8	• 4				1				2.9	6.8
\$	1.6	2.4	3.4	1.6	•2			Ī				9.2	7.7
SSW	1.6	3.2	4.7	3.1	• 3							12.9	8 • 4
SW	• 8	3.6	8.4	6.8	1.4	•1						21.1	10.2
wsw	• 9	1.3	4.8	3.7	1.2	• 3						12.2	10.9
w	1.1	2.1	1.8	1.2	• 9							7.1	8.6
WNW	• 2	• 6	• 6	•2								1.6	6.5
NW	• 3	• 9	• 8	•1								2.1	6.3
NNW		• 6	• 2									•8	5.9
VARBL													
CALM			><	$\geq \leq$			><		$\triangleright <$			3.0	
	13.0	24.8	33.1	20.1	5.4	. •6						100.0	8.2

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TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRC	HILD A	FB WA				79-	79					A:	PR
STATION			STATIO	N NAME		ALL WE				FARS			1500	-1700
		-					DITION						MOSE	\$ (L,S.T.)
	SPEED (KNTS) DIR.	1 . 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	• 5	.9	.9	-6	 	 -	 			i		2.9	7.1
	NNE	• 4	•7	•7	•7		• 2						2.7	8.8
	NE	• 4	1.6	1.9	-8	.1	• 3	<u> </u>			ì		5.1	8.7
	ENE	•3	1.2	1.3	-8	i	i — —		i				3.7	7.8
	E	•7	2.0	• 9	.4	•2	• 1	 		 -			4.3	7.4
	ESE	.4	•6	.8		 							1.8	5.4
	SE	•6	•6	•1				i	i				1.2	3.6
	SSE	• 3	•7	1.3	•3	•1	 		i	 			2.8	7.9
	S	2.1	2.4	2.2	1.0	•1							7.9	6.4

N	• 5	• 7	• 7	• 0		l	1	l	1	!	1	1 /	, , , ,
NNE	• 4	• 7	.7	•7		٠2						2.7	8.8
NE	• 4	1.6	1.9	-8	•1	• 3				l		5.1	8.7
ENE	• 3	1.2	1.3	-8								3.7	7.8
E	• 7	2.0	• 9	• 4	• 2	• 1			1	i	i	4.3	7.4
ESE	.4	•6	.8					<u> </u>	1			1.8	5.4
SE	•6	•6	•1									1.2	3.6
SSE	• 3	•7	1.3	•3	•1			1	1	l	1	2.8	7.9
S	2.1	2.4	2.2	1.0	•1				T			7.9	6.4
SSW	2.2	4.8	6.1	2.4	•1				1			15.7	7.5
SW	.6	2.8	6.3	5.0	• 9	• 3						15.9	10.1
wsw	.7	1.8	3.0	4.4	•9	• 4		1				11.2	11.0
w	.8	3.3	4.0	3.3	-8	•2			1			12.4	9.7
WNW	•8	1.1	•7	•3					1			2.9	6.3
NW	•1	.7	• 3	•2							1	1.3	6.5
NNW	.4	•6	•8	• 4								2.2	7.4
VARBL						ĺ							1
CALM		\geq	\geq	\boxtimes	\geq	\geq	\geq	\geq	\boxtimes	\geq	\geq	6.0	
	11.4	25.6	31.3	20.8	3.2	1.7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR AEATHER SERVICE/MAC

FAIRCHILD AFB WA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

75-79

					ALL ME	AIHEK						1000	-2000
	_				c	IAES .				- 		HOVE	5 (LS.T.)
	-				COM	DITION			· · · · · · ·				
	-												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	1.0	• 4	•3								2.2	6.0
NNE	• 6	2.9	1.2	.6	-4							5.7	7.3
NE	• 4	1.9	1.7	• 3	•1	i						4.4	6.8
ENE	.7	2.1	1.9	-1	1 .1	1						4.9	6.3
E	1.0	•6	• 9	•3	· 1					<u> </u>		2.9	6.5
ESE	.7	.7	•1		<u> </u>	$\overline{}$						1.4	3.6
SE	1.2	.4										1.7	2.7
SSE	1.8	.7	•2		1							2.7	3.4
s	4.0	3.7	1.2	<u> </u>		T						8.9	4.1
SSW	2.7	4.2	3.7	1.3		•1						12.0	6.3
SW	2.1	3.6	4 . 6	3.1	•6							13.9	8.0
WSW	1.8	2.7	1.7	2.1	• 3	i		<u> </u>				8.6	7.6
w	2.0	3.7	2.7	1.9	•1	•2						10.6	7.4
WNW	.4	• 9	∙8	.1		Ι Τ						2.2	5.9
NW	• 3	.7	•3								,	1.3	5.2
NNW	• 7	• 3	•1									1.1	3.6
VARSL		1	1	1									
CALM	$\supset <$	$\supset \subset$	> <		$\supset \subset$	$\supset \subset$	$\supset <$			\supset	> <	15.6	

TOTAL NUMBER OF OBSERVATIONS

900

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS SDITIONS OF THIS FORM ARE OBSOLETE

2

C

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

2.4

• 4

WNW

NW

NNW VARBL 1.3

28.7

18.7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRC	HILD A	FB WA				7:1-	79					A	PR
STATION			STATIO	NAME		ALL WE	ATHER			FEARS				-2300
		_					LASS						hous	S (L.S.T.)
		~				COI	DITION							
		<u> </u>		,			-		,	,			,,	
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	• 8	.7	•2	İ	i					<u> </u>		1.7	4 - 5
	NNE	1.7	2.6	1.0	• 6	•1							5.9	6.0
	NE	1.3	2.8	1.0	•6								5.7	5.5
	ENE	. 9	1.4	2.0	•2	1							4.5	6.4
	E	1.5	• 4	• 4							1		1.9	4.4
	ESE	• 7	•1	•1							T		.9	3.6
	SE	1.1	•3						i				1.4	2.9
	382	1.3	• 7										Z.U	3.2
	5	3.7	4.6	2.4	• 3						T		11.0	5.1
	SSW	1.8	4.7	3.1	•7								10.2	6.1
	sw	2.3	2.7	3.3	3.3	•2	•1						12.4	7.8
	wsw	1.8	2.6	2.2	1.2		1						7.5	6.7

TOTAL NUMBER OF OBSERVATIONS 900

5.8

4.7

4.3

3.8

4.6

2.0

1.6

1.1

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	APR
STATION	STATION NAME	YEARS	MORTH
		ALL WEATHER	ALL
		CLASE	NOVRS (L.S.T.)
		CORDINA	_

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 10	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•6	•8	•6	• 2					<u> </u>	 	i	2.2	5.9
NNE	. 9	1.7	.7	• 8	•2	•0				1	i	4.2	7.0
NE	1.0	2.3	1.8	.7	•2	• 13			1	 	i	6.0	6.9
ENE	1.3	2.4	2.5	• 5	•1	•€					i	6.9	5.5
E	1.3	1.8	1.0	• 2	•1	• 0					 	4.4	5.5
ESE	.7	•6	• 4	•0					1		i	1.6	4.5
SE	.9	•7	•2	•0							i	1.8	4.1
SSE	.9	•9	•6	•2	• 0					 	<u> </u>	2.7	5.3
s	2.4	4.9	3.1	•6	.1			·			i	10.1	5.9
SSW	1.6	4.4	6.9	2.8	.1	• 0		i T		İ		15.9	7.9
SW	1.2	2.7	5.1	4.0	•8	•1	i			 	l	13.9	9.4
WSW	.9	1.7	2.0	1.9	• 4	•1	1					7.1	9.3
w	1.1	2.1	1.7	1.0	• 3	•1			 		 	6.3	7.7
WNW	.4	•8	•5	.1								1.8	5.6
NW	• 3	• 5	•3	•0						 		1.3	5.3
NNW	•5	.4	• 3	•1				!		 		1.3	5.0
VARSL	1	 	l									1	
CALM		$\supset <$	$\supset \subset$			$\supset \subset$	$\supset \subset$	$\supset \subset$	> <	> <		12.4	
	16.1	28.0	27.5	13.2	2.3	. 4			1			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7198

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

SLOBAL CLIMATOLOGY BRANCH SAFETAC AIP MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04114	FAIRCHILD AFB WA	79-79	MAY
STATION	SHARM MOSTATE	TÉARS	MONTH
		ALL WEATHER	0 000- 9200
		CIAS6	MOWAS (L.S.T.)
		CORDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•6	1.8	1.0					i			i	3.4	5.3
NNE	. 4	1.1	1.0	• 2				 		ī		3 2.7	6.0
NE	1.7	1.2	• 5	• 4				Γ		1		3.9	5.2
ENE	1.3	2.5	• 5	•1	i							4 - 4	4.5
E	1.1	• 5	•2		i					<u> </u>		1.9	3.4
ESE	.8	• 9								i	İ	1.6	3.3
SE	1.0	• 6	•1	•2	i			 	l	1		1.9	4.4
SSE	2.0	1.5	•1		l — —			T		I	i	3.7	3.6
5	4.3	6.3	2.9	•6			i ———	i ———	T		l	14.2	5.1
SSW	2.9	4.8	3.7	2.4	•1			T	1			13.9	6.5
SW	1.6	2.4	4.5	1.0				i		 		9.5	7.0
wsw	1.5	1.9	1.9	-8	•1						i	6.2	5.8
w	2.3	3.7	1.2	•6	•1			1	 			7.8	5.5
WNW	• 4	1.0	•2									1.6	4.7
NW	•2	•6	•1					\Box	1			1.0	4.4
NNW	•2	•2	•1									1 •5	4.2
VARSL					1	l					İ	1	
CALM	> <	$\supset <$	> <	$\supset \subset$			$\supset <$	$\supset <$	$\supset <$	$\supset <$		21.7	
	22.4	31.2	18.1	6.3	• 3				<u> </u>	7		100.0	4.4

STORY OF THE PROPERTY OF THE P

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMA. OLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-114	FAIRCHILD AFB WA	72-79	MAY
STATION	STATION MARK	TELOS	ADATA .
		ALL WEATHER	0300-0500
		CLASS	20026 (LS.T.)
			_
		CONDITION	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	A PRINCIPAL AND A PRINCIPAL AN	MEAN WIND SPEED
N	• 5	•5	. 4							!		1.5	4.6
NNE	• 5	1.7	1.3	•1		·		!	 		i	3 · B	5.9
NE	2.5	1.8	• 3	•5			i	I	i	Ī		5.2	4.7
ENE	2.9	2.4	2.0				<u> </u>	i				7.3	4.6
ε	2.0	1.8	• 3				!			l		4.2	3.7
ESE	• 9	• 4	• 2							T T	i	1.5	3.7
SE	• 8	• 4	•1		i	!		i	Ι_			1.3	3.6
SSE	2.3	2.2	• 4	•1			!					4.9	4.1
S	3.3	5.6	4.2	1.0	i			Ι		1		15.1	5.7
SSW	1.3	4.8	8 • 2	2.8	Ī		I	1	Ī	<u> </u>		17.1	7.7
SW _	1.0	1.7	5.5	1.3	!	!		1				9.5	7.9
wsw	• 3	•8	1.4	•8		I						3.2	8.5
W	• 6	1.4	• 3	•1				T				2.5	5.9
WWW	• 4	. 4	•2				I					1.1	4.6
КW		•1										5 -1	4.0
WMM	• 4	•1			Ī							.5	2.5
VARC!											i	1	
CAUK.	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	\geq	\boxtimes		21.3	
	19.9	27.2	24.9	6.7								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $\frac{108M}{48.64}$ 0-S-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR meather service/mac

FAIRCHILD AFB WA

24114

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WE	ATHER						0600	-0800
					c	LASS						HOVE	S (L S T.)
	-				cox	DITION		· · · · · · · · · · · · · · · · · · ·					
				······································	· 	·							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 2i	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 1	• 3	•2	.1	İ	 				<u> </u>		.8	6.6
NNE	•6	1.1	1.4	• 8		 -				T -		3.9	7.3
NE	• 9	1.8	2.2	• 5	1					 		5 • 5	0.7
ENE	1.7	3 • 8	3.1	•5	•1		1					9.2	6.2
E	1.8	4.6	2.0				<u> </u>		 			8.5	5.
ESE	1.2	• 9	6.3									2.4	4.1
C.F.	1.	1.1	• 2	i	1				 			2.6	3.1
SSE	1.4	2. !	1.3	1	1			[5.3	5.
5	2.4	5.8	6.0	1.3		i						15.5	6.
SSW	1.4	5.7	13.1	4.1	-1	Ţ	1					24.4	8.
sw	• 4	1.7	4.1	4.3	• 2				T			10.8	9.0
wsw	• 4	• 2	1.8	1.1	• 3							3.9	10.
W	• 1	• 3	• 6	•2	•1							1.4	8.
WNW			•1									•1	7.
NW			• 1									•1	9.
NNW	•2		• 1		1				Γ			• 3	3.
VARBL													
				$\overline{}$	$ \overline{} $	$\overline{}$				$\overline{}$		5.4	

TOTAL NUMBER OF OBSERVATIONS

930

100.0

USAFETAC FORM 0-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79		MAY
STATION	STATION MANE		YSARS	MONTH
	•	ALL WEATHER		0900-1100
		CLASS		HOURS (L S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	.4	• 4	• 9									1.7	5.9
NNE	.5	1.1	• 9	• 9					1	I	i	3.3	7.3
NE	.5	1.5	1.9	• 4					1	 		4.5	7.0
ENE	• 5	1.9	2.4	• 9	•1			 -		l		5.8	7.5
E	.9	1.7	1.7	1.1	•2					i	i	5.6	7.7
ESE	• 5	1.9	• 3									2.8	4.8
SE	1.1	1.4	• 5									3.0	4.4
SSE	1.2	1.9	• 8									3.9	4.9
s	1.7	4.6	5.6	• 6								12.6	6.4
SSW	1.1	4.1	8.8	4.7	T							18.8	8.7
sw	.8	2.6	7.6	6.9	•5					T	!	18.4	9.8
WSW	• 4	•6	3.9	3.9	•3					1	1	9.1	10.4
w	• 9	•6	1.2	• 9		Γ	<u> </u>	1		1		3.6	7.4
WNW	• 2	•6	•2	•1			i					1.2	6.0
NW	••	. 4	•1	•1			i —				1	• 5	6.7
NNW	• 2	• 3	• 2	• 2								1.0	7.0
VARBL											T		
CALM		\geq	\geq	\geq	\boxtimes	\boxtimes	\geq	\boxtimes	\geq	\boxtimes	$\geq \leq$	3.9	
	11.2	25.9	37.0	20.7	1.3							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC SET 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FAIRCHILD AFB WA

SURFACE WINDS

MAY

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIO	-						FARS				BORTH
					ALL WE	ATHER						1200	-1400
					C	LA\$4						HOUR	S (L S T.)
	_	,											
					CON	DITION							
	-												
									···				·
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 5	• 9	• 4						 			1.8	4.7
NNE	• 5	1.1	1.0	• 5	• 3		7-7-					3.4	8.2
NE	1.:	1.4	1.3	•3	i	i						4.0	6.2
ENE	• 5	1.4	1.2	• 3	•1							3.5	6.7
E	1.5	1.5	• 9	• 5	•1	i						4.5	6.0
ESE	• 5	• 4	• 4	• 3								1.8	6.2
SE	1.3	.9	.4	i		i			 			2.6	4.1
SSL	1.1	• 9	•9	•4					T			3.2	6.1
s	1.3	3.0	3.3	•6	• 3		i					8.6	7.0
ssw	1.3	4.1	6.	4.5	•1	i			1			16.2	8.5
sw	.9	3.1	8.6	7.8	•8		i		i ——			21.2	9.8
WSW	• 4	2.2	5.1	3.8	•8	•4						12.6	10.3
w	1.0	2.4	2.3	1.8	•1		i		 			7.5	8.0
WN:Y	• 3	1.0	• 5	• 3	l				 			2.2	7.1
NW	, 3	1.2	1.5	-1	<u> </u>	I		!				2.2	5.6
NNW	• 4	•3	• 4	[T	(1				1.2	5.4
VARBL			1										
CALM		$\supset \subset$	$\supset \subset$		$\supset \subset$	$\supset <$	\supset	>	$\supset <$	><	> <	3.4	
	13.0	25.6	33.4	21.5	2.6	- 4			}			100-0	7.8

USAFETAC FORM 0-8-5 (OL-A) previous editions of this form are obsolete

C

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-114	FAIRCHILD AFB WA	77-79	MAY
STATION	STATION HAME	YEAGS	MONTH
		ALL WEATHER	1590-1700
		CLASS	NOURS (LST)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.1	. 8	• 2								3.2	5.4
NNE	.8	1.7	• 9	• 3	•1		 	 				3.8	6.3
NE	• 4	1.5	1.4	• 4	•1			i	 	ii		3.9	7.1
ENE	•1	1.5	1.1	• 4			<u> </u>	 	 			3.1	7.2
E	1.2	1.5	1.1	• 4			 		 			4.2	6.2
ESE	• 5	• 8	• 4						 			1.7	4.6
SE	1.5	•6	• 3				 	 				2.5	3.8
SSE	. 4	1.3	• 6	•2					 			2.6	5.9
\$	1.3	2.9	2.2	•9			i		 			7.2	6.4
SSW	• 9	3.3	5.4	2.7				T				12.3	8.2
SW	1.1	3.9	7.0	5.6	.6		i					18.2	9.2
WSW	• 8	2.2	5.8	4.5	.9	• 2		 	 			14.3	10.2
w	• 8	1.9	3.6	2.4	•9	•1		1	1			9.6	9.5
WWW	• 5	.8	1.6	•4	.1			1				3.4	7.5
NW	1.0	1.3	• 5	• 3	i				1	1		3.1	5.3
WWW	•1	•6	• 3	•1								1.2	6.8
VARBL							1						
CALM		$\geq <$	> <	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$		$\supset <$		> <	5 • 6	
	12.5	26.9	33.0	19.0	2.7	• 3	T		1			100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR #EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB	S ₩A	70-79		MAY
STATION		STATION NAME		TEARS	MONTH
			ALL WEATHER		1800-2000
			CLASS		NOURS (L.S.T.)
			CONDITION		
	*				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 9	1.7	•6	• 1							i	3.3	4.8
NNE	• 5	2.2	1.5		•1						i	4.3	6.0
NE	•5	1.1	1.2	• 2						 	 	3.0	6.2
ENE	• 5	1.4	1.4	• 8				i		1		4.1	7.3
E	1.3	1.1	•6	• 2		i				 		3.2	5.0
ESE	.9	• 8	•2								<u> </u>	1.8	3.8
SE	• 5	1.0	• 3									1.8	4.8
SSE	1.5	•6	. 4	•1								2.8	4.2
s	3.5	4.7	1.5	• 8		i		 	 	 		10.5	5.2
SSW	3.0	₹.3	3.5	1.1	•1				 			12.0	6.1
SW	3.2	5.5	4.6	1.0	• 4							14.8	6.3
WSW	2.4	4.2	4.4	1.5		• 2						12.7	7.0
w	1.5	2.6	2.5	2.0	•2							8.8	7.7
WNW	•3	1.7	• 9	.4		 					 	3.3	6.7
NW	• 5	•3	•3	•1								1.3	5.5
NNW	• 2	1.2	•3				 	 			<u> </u>	1.7	5.1
VARBL	 	 	 						 			i	
CALM		$\supset \subset$	$\supset \subset$	> <	>		> <	> <	> <	$\supset <$	$\supset \subset$	10.4	
	21.5	34.4	24.4	8.3	• 9	•2	—					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 927

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	70-79	MAY
STATION	STATION MANE	YEARS	MORTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (LS.T.)
		CONDITION	-

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 6	1.4	• 2				<u> </u>		i			2.3	4.6
NNE	• 5	2.3	1.0				i —			i	i	3.8	5.5
NE	1.4	• 6	• 4	•2						i	i	2.7	4.6
ENE	• 9	1.5	1.1	• 5	•1					l		4.2	6.8
Ę	• 6	• 8	• 2									1.6	4.1
ESE	• 6	• 4	• 2									1.3	3.8
SE	• 8	1.1	•1	• 2	l						i	2.2	4.9
SSE	1.3	1.2	• 3						Ī			2.8	4.0
S	3.7	5.1	1.1	•6								10.5	4.6
SSW	4.1	6.3	2.6	1.3		•1			1			14.4	5.6
_sw	3.1	4.1	1.9	1.2	•2			ļ				10.6	5.9
wsw	2.4	3.2	2.2	• 9								8.5	5.8
w	2.1	3.9	2.2	.9	•1							9.1	6.1
WNW	• 5	1.5	• 4	.1								2.6	5.2
NW		• 6										• 6	4.7
WMM		1.0	•1									1.1	5.2
VARSL													
CALM		><	$\supset <$				$\triangleright <$			$\supset <$		21.7	
	22.7	35.1	14.0	5.9	.4	•1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 926

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB	₩A	72-79		MAY
STATION		STATION NAME		YEARS	MONTH
			ALL WEATHER		ALL
			CLASS		HOURS (L.S.T.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	.6	•1							i — — —	2.3	5.1
NNE	.6	1.5	1.1	• 3	• 1			T		T	i	3.6	6.6
NE	1.1	1.4	1.2	• 4	• 0					1		4.1	6.0
ENE	1.1	2.1	1.6	• 4	• 1					 		5•Z	6.2
E	1.3	1.7	• 9	• 3	•1					i		4.2	5.5
ESE	.3	• 8	• 3	• 0								1.9	4 • 3
SE	1.9	• 9	• 3	•1						T		2.2	4.2
SSE	1.4	1.5	• 6	•1							i	3.6	4.7
S	2.7	4.9	3.4	• 8	•0							11.8	5.8
SSW	2.0	4.7	6.4	2.9	•1	• C						16.1	7.6
SW	1.5	3.1	5.5	3.6	• 3							14.1	8.5
WSW	1.1	1.9	3.3	2.1	•3	•1		Ĭ				3.8	8.8
W	1.1	2.1	1.7	1.1	•2	•0						6.3	7.3
WNW	. 3	• 9	• 5	•2	• 9							1.9	6.3
NW	• 3	•6	•2	•1						1		1.1	5.4
NNW	• 2	•5	•2	•0								.9	5.4
VARBL		 			I					T	T		
CALM		><	\boxtimes	> <	$\supset \subset$	$\supset \subset$		\boxtimes	\boxtimes			11.7	
	17.1	29.5	27.7	12.7	1.1	•1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7430

USAFETAC FORA 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB #A	69-78	JUN
STATION	STATION H	TAE	YEARS MONTH
		ALL WEATHER	0000-0200
		CLASS	MOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 7	• 8	• 3						 	 		1.8	4.5
NNE	1.1	1.3	• 8	• 5					 	i		3.4	5.4
NE	1.7	1.7	.4	•2			i					4.0	4.5
ENE	• 9	2.0	•3	•1					 			3.3	4.7
E	•7	• 8	.1				i			 		1.6	3.9
ESE	• 5	•7				i		 	 			1.2	3.5
SE	• 4	•3	•2				 	 	 		i	1.0	4.1
SSE	1.0	1.4	-8	•1		 	 	 	 	 		3.3	4.8
S	3 • 2	3.7	2.2	1.3				t		i		10.4	5.9
SSW	2.2	6.7	4.7	1.7			 	 	 			15.2	6.5
sw	1.7	5.2	2.9	1.0	•1			! -	∤			10.9	6.0
WSW	2.3	2.9	.7	•7		 	i			<u> </u>		6.6	5.0
w	2.0	2.8	1.0	•2	<u> </u>		<u> </u>		i			6.0	4.9
WNW	•6	1.3	•2					T	 	 		1.8	4.4
NW	• 3	• 3	•1					T	·			•8	4.7
NNW	• 2	• 4		•2								.9	6.3
VARBL			 										
CALM	> <	> <	>	> <	> <	\supset	$\supset <$		$\supset <$	> <	> <	27.8	
	19.6	32.0	14.8	5 • 8	•1	T		T				ם.טכי	4.0

TOTAL NUMBER OF OBSERVATIONS 988

USAFETAC FORM 3-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78		JUN
BTATION	STATION MAME		YEARS	MONTH
		ALL WEATHER		3300-0500
		CLASS		HOURS (L.S.T.)
				
		COMPLETION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 6	•9	•1	•2								1.8	5.6
NNE	1.3	• 8	•6	•1			i					2.8	4.5
NE	1.9	2.6	.7			i ——						5.1	4.3
ENE	2.4	2.8	• 9				i —					6.1	4.3
Ε	1.4	•6	•2			i						2.2	3.4
ESE	.7	. 4		i -								1.1	2.9
SE	•8	• 4				 	i	 				1.2	2.8
SSE	1.7	1.2	•6	•2								3.7	4.5
S	3.6	4.8	4.3	•9			i — —	 				13.6	5.7
SSW	2.1	4.9	8.7	2.0								17.7	7.2
SW	1.3	2.6	3.7	1.6		i		1		i		9.1	7.2
wsw	.9	1.3	1.1	•1	•1				· · · · · ·			3.6	6.3
w	• 5	1.6	.8									2.9	5.0
WNW	i —	•3	•1					l —				• 4	6.3
NW	• 4	•2	•1			l						-8	4.1
NNW	• 3	•6	•1	•1								1.1	5.2
VARBL			 				T		1				
CALM		> <	$\supset \subset$	$\supset \subset$		> <	> <	> <	$\supset \subset$	>	> <	26.9	
	20.0	25.9	21.9	5.2	•1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS CS THIS SCHM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFS WA	69-78	אטנ
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	3600-98 0 0
		CLASS	HOURS (L.S.T.)
		CONDITION	

	13.6	36.9	34.8	7.9	•6			 	[[100.0	6.2
CALM				$\supset <$			$\supset \subset$	$\supset <$	$\supset \subset$	$\supset \subset$		6.3	
VARBL													
NNW		• 2	•1									• 3	6.0
NW	• 2	•7		.1								1.7	5.
WNW	•1	• 8		•2								1.1	6.4
w	• 4	.6	•8	•1								1.9	6.
wsw	• 2	•6	• 8	•2								1.8	7.4
SW	• 2	2.0	7.4	1.8	• 4	i		<u> </u>		<u> </u>		11.9	9.0
ssw	1.0	7.9	8.5	3.0	•1		<u> </u>	T T				20.6	7.6
S	2.5	6.6	6.9	1.3			i	1				17.3	5.6
\$\$E	•7	2.6	1.0	•1			<u> </u>		i		i	4 - 3	5 • 2
SE	1.2	• 8	•3					 		i		2.3	3.
ESE	1.2	1.6	•2				 	!		i	i	3.0	3.5
E	1.9	4.1	• 9				 	 		 	i	6.9	4
ENE	1.6	3.9	4.3	.1		<u> </u>	 	 	 	 		9.6	6.1
NE	1.6	3.1	2.2	•2			i	 		 	i	7.1	5.6
NNE	• 3	1.1	• 9	•6			 	 		 	 	2.9	7.3
N	• 3	•6	.7	•1			i	 		i		1.7	6.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4114	FAIRCHILD AFB	M A	69-78		JUN
STATION		STATION NAME		YELRS	MONTH
			ALL WEATHER		3900-1103
			CLASS		HOVES (L.S.T.)
			CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•2	. 7	• 2	•1							i	1.2	5.6
NNE	• 7	1.7	1.1	•6	• 2					<u> </u>	i	3.6	7.8
NE	1.8	1207	2.1	1.3			l			i		6.9	7.0
ENE	.5	1.9	1.8	• 3						i		4.8	6.3
E	2.1	2.8	1.8		• 1						1	6.8	5.0
ESE	1.1	1.4	•1									2.7	3.7
SE	. 3	• 9	• 3	•1								2.1	4.8
SSE	. 3	1.7	1.0									3.0	5.4
S	2.3	5.2	4.9	1.7						i		14.1	6.6
SSW	.9	5.0	8.4	2.6	•1	1						17.0	8.0
sw	.7	3.9	8.8	4.9	• 3							18.6	9.1
wsw	.6	1.2	3.7	2.4								7.9	9.0
w	. 9	1.3	1.0	• 3	-1					1		3.7	6.4
WNW	.1	• 7	•6	•1								1.4	6.6
NW	• 2	• 4	• 4							T		1.1	5.5
NNW	•2	•1	•1						Ī	T		. 4	4.8
VARBL													
CALM		$\geq \leq$	\geq	\geq		\boxtimes	\boxtimes	\boxtimes	\boxtimes		> <	4.8	
	13.7	29.9	36.3	14.4	.9							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS	900
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USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

. D GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	JUN
STATION	STATION NAME	YEARS	RTPON
		ALL WEATHER	1200-1400
		CLASS	HOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	• 4	• 4				 	 				1.4	4.6
NNE	•6	-8	1.1	1.1	• 1			 -		i		3.7	8.7
NE	1.	1.8	1.2	1.1	• 1	i		Ι	l	l	i ———	5.2	7.4
ENE	• 5	1.7	• 6	• 3					i	l	<u> </u>	3.1	5.9
E	1.9	3.0	•7				<u> </u>	i — —		i	i	5.6	4.3
ESE	• 3	• 4	•2					1			Ī	1.0	4.6
SE	• 9	1.3	• 3						T	i	i	2.2	4.1
SSE	•8	1.2	1.5	- 2			!	i		Γ	i	3.2	5.6
S	2.3	3.6	3.3	1.4			i				I	10.7	6.5
ssw	.8	3.9	5.6	2.2	•1			<u> </u>			i	12.6	8.0
SW	1.4	4.6	9.7	6.2	• 3					l		22.2	9.0
wsw	1.0	2.3	5.2	3.0	1.				T	i	i	11.7	8.8
w	• 9	2.2	4.2	2.1	•1		I	1	i	!	l	9.5	8.1
WNW	• 3	•8	• 4		.1							1.7	6.5
NW.	•6		•3				T	<u> </u>			i	. 9	4.5
WAY.	• 3	• 7	• 3		1							1.3	5.0
YARSL						l ———		T		1			
CALM	><	> <		> <			$\supset \subset$		$\supset <$			4.0	
	14.2	28.3	34.7	17.8	1.0				T			100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	at A			6	9-78						JI	אע
STATION	STATION HANE YEARS ALL WEATHER								1500-1700					
			CLASS									NOW 25	(LS.T.)	
						CONSTRUM								
	SPEED	T					- - - - - - - - - - 					2		MEAN

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	***************************************	MEAN WIND SPEED
N	1.1	1.0	• 9	•1	i			<u> </u>				3.1	4.9
NNE	• 2	• 9	1.3	• 9	•2	Γ	ì	i				3.6	9.6
NE	.3	1.2	1.6	• 3	• 2			1	1			3.7	7.6
ENE	• 8	1.3	• 3	•2		i	i			i		2.7	5.1
E	2.0	1.0	• 8	•1				 		i — —		3.9	4.4
ESE	į • 6	•7			 				T	i		1.2	3.7
SE	• 9	• 8	•3									2.0	4.1
SSE	. 4	1.3	.7					1				2.4	5.3
S	1.8	3.8	3.3	1.2		l	i	i				10.1	6.6
SSW	1.0	3.6	5.0	1.6		i			1	1		11.1	7.5
SW	1.7	3.6	7.2	5.2	• 3		i —	i	1			18.0	9.0
wsw	1.3	3.2	5.8	4.3		-1		T		!		14.8	8.8
w	1.2	3.0	4.1	2.4	•1	-1		T	T	1		11.0	8.2
WNW	.7	1.5	8.	-4		l						3.4	6.6
NW	.9	.7	•2	1.1								1.9	4.5
NHW	• 4	•3	•1	.1		[i	T		1		1.0	4.9
VARBL		T				1	T	1	Ι	1		-	
CALM		> <	\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes		6.1	
	15.3	27.9	32.4	17.1	•9	•2						100.6	7.0

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (DL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-73		JUN
STATION	STATION NAME		YEARS	50472
		ALL WEATHER		1800-2000
		CLASS		MOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	r - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 5	1.6	• 8									2.9	5.1
NNE	1 1 . 8	1.6	8.	• 3	•1	i		!	i	i		4.6	5.1
NE	# • B	1.6	1.0	.7	• 2					l		4.2	7.1
ENE	. 8	1.6	.8	• 3					i	I		3.4	5.7
E	1.6	1.1	•1									2.8	3.2
ESE	1.3	•6	•1							<u> </u>	i	Z.U	3.2
SE	. 8	• 8	• 2	•1						1	· · · · · ·	1.9	4.7
SSE	1.2	• 7	•7	•1			!		1		1	2.7	4.8
S	2.3	2.2	2.3	• 3		Ī						7.2	5.5
SSW.	1.7	4.7	3.6	1.3						T		11.2	6.7
SW	2.4	4.2	6.0	1.9		i	i	i —		i — —	Ī	14.6	6.9
wsw	2.2	4.8	4.2	1.7	•2	i		i				13.1	6.8
w	1.5	3.6	2.1	1.3	•6				1	T		9.1	7.5
WNW	• 9	1.4	•6	•3	•1						l	3.3	6.1
NW	• 2	1.1	•6	• 4								2.3	6.9
MMM	•1	• 3	•2		•2							. 9	8.5
VARSE										1			
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$				$\supset <$	> <		13.8	
	20.2	31.7	24.0	8.9	1.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC O-8-5 (OL-A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRET

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	מענ				
STATION	STATION NAME	YEARS	MONTH				
		ALL WEATHER					
		CLASS	NOURS (L.S.T.)				
		CONDITION					

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	1.3	•9	•1				 -	 			4.2	4.5
NNE	1.7	• 9	.7	•7								3.9	5.8
NE	1.2	1.1	•6	•2	•1						i	3.2	5.7
ENE	1.1	.9		• 2								2.2	4.2
E	1.9	1.0	•1									3.0	3.3
ESE	• 2	•2								 		• 4	3.8
SE	1.0	•2	•2			T			1	1		1.4	3.7
SSE	1.6	• 4	•6	• 3						T		2.9	5.1
S	2.9	4.0	1.3	1.3					ļ ——			9.6	5.7
SSW	1.9	4.2	2.4	•6	•2							9.3	6.1
sw	3.2	4.1	2,6	• 8					1			10.7	5.5
WsW	2.2	5.0	2.6	•1								9.9	5.2
w	2.7	4.2	2.7	• 4								10.0	5.4
WNW	1.0	• 9	.7	• 1								2.7	5.0
NW	. 4	• 3										•8	3.3
NNW	• 3	• 8	.1	• 5						1		1.4	5.6
VARBL													
CALM		$\geq <$										24.3	
	25.2	29.7	15.3	5.1	+3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	NUL
STATION	STATION NAME	TEARS	MTHOM
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	_

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
К	•7	• 9	• 5	•1				<u> </u>				2.3	5 • G
NNE	1.9	1.0	• 9	• 6	•1							3.5	6.8
NE	1.3	1.8	1.2	•5	• 1							4.9	6.2
ENE	1.1	2.0	1.1	•2								4.4	5.4
E	1.7	1.8	•6	•0	• 0				 	 		4.1	4.2
ESE	.7	.7	•1									1.5	3.6
SE	• 8	•7	•2	•0								1.8	4.1
SSE	1.0	1.3	•8	•1					i	 		3.2	5.1
\$	2.6	4.2	3.6	1.2		i			 		i	11.6	6.2
SSW	1.4	5.1	5.9	1.9	•1							14.3	7.3
sw	1.6	3.8	6.0	2.9	•2			 	1			14.5	8.0
wsw	1.3	2.7	3.0	1.6	•1	•0			 			8.7	7.4
W	1.3	2.4	2.1	•9	•1	•0		<u> </u>				6.8	6.8
WNW	• 5	.9	• 4	•2	•0						· · · · · · · · · · · · · · · · · · ·	2.0	6.0
NW	• 4	• 5	• 2	•1								1.2	5.2
NNW	•2	.4	•1	•1	•0				T			.9	5.8
VARBL								1	T				
CALM		\boxtimes	> <	$\supset <$	> <	$\supset \subset$	>>	\supset	$\supset <$	$\supset <$		14.2	
	17.7	39.3	26.8	18.3	•7	•0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

水类(英)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	PAIRC	PIFA 1	AFB W	A			69-	18					J	UL
STAT-ON			\$	TATION NAME					,	TEARS				IONTN
						ALL WE	ATHER						3000	-0200
		•				c	LASS						HOVE	S (L.S.T.)
						COM	MOLTICH							
	SPEED (KNTS) DIR.	1 - 3	4	6 7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Ì	N	• 5	1.	5 .4	1.1		 	 	 				2.5	5.0
Г	AILLE II	7.3	1 1	4 1.0	1		1	1					5.3	5.7

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•5	1.5	•4	•1						 		2.5	5.0
NNE	2.3	1.4	1.0	•6								5.3	5.2
NE	• 9	1.5	•1	• 3						i		2.8	4.8
ENE	2.2	1.8	• 5			 					 	4.5	3.9
E	1.9	•4	•1									2.5	3.0
ESE	• 4	• 4							 	 	i	• 9	4.0
SE	.6	•2	•2				 			 		1.1	4.0
SSE	1.9	1.0	•3				 		 	 	 	3.2	3.6
	3.2	2.8	2.2	•2		 	i		 		 	8.4	4.9
SSW	1.5	4.7	2.7	• 9			 			 		9.8	6.1
sw	2.3	2.7	2.0	•3		 						7.3	5.4
WSW	1.6	2.8	1.0	•3		 			 		 	5.7	5.1
W	2.8	2.3	•2	i			 	l ——	 	 	i	5.3	3.5
WNW	.5	•1	 	.1		 	l	 		 		.8	4.0
NW	• 3	• 4	•2	 		 	 	 	 	 		1.0	4.6
NNW	•2	•5	•2	.1		 	 		 	 		1.1	5.7
VARSL	 				 	 		 		 	 	 	
CALM		> <		> <	> <	>>	> <	> <	> <	$\supset <$		38.0	
-	23.2	24.6	11.2	3.0								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM (0-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	JUL
STATION	STATION NAME	TEARS	NONTH
		ALL WEATHER	8300-0500
		CLASS	NOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 8	1.1	•6					i				2.5	5.0
NNE	1.8	2.9	• 8	• 4						i — —		5.1	5.1
NE	2.6	2.2	• 5									5 • 3	3.7
ENE	3.5	3.7	•2	Γ								7.4	3.7
E	3.3	1.4	• 1									4.8	3.0
ESE	1.2										j –	1.2	1.7
SE	1.6	• 3	• 3								r	2.3	3.5
SSE	3.2	7.1	• U	l								4.7	3.3
S	4.6	4.4	3.1	1.0							i	13.1	5.3
SSW	1.6	5.1	5.8	1.0								13.4	6.7
sw	1.7	2.6	2.0	•6								7.0	5.8
wsw	• 2	• 3	• 4	•1								1.1	6.0
w	• 5	• 5										1.1	3.2
WNW	• 4	•1										•5	2.6
NW	•1	•2	• 2									•5	5.8
NNW	• 3	• 1	•1		<u> </u>							• 5	3.8
VARSL													
CALM		> <	> <	\geq	\boxtimes	><	\boxtimes	\boxtimes	$\supset <$	\supset		29.5	
	27.6	25.1	14.7	3.1								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	WA	69-78		JUL
ROITATA			STATION NAME		TEARS	MONTH
				ALL WEATHER		9600-0800
				CLASS		NOVES (L.S.T.)
					_	
				CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•1	•5	• 8						 			1.4	6.2
NNE	• 3	1.8	1.1	• 5								3.3	6.9
NE	2.2	2.9	2.9	• 9								8.8	5.2
ENE	2.7	6.0	3.7	•1					 			12.5	5.4
Ε	4.5	4 • 4	1.1		i					i		10.0	3.9
ESE	1.3	1.4	•2									2.9	3.9
SE	1.5	1.0	•1							i		2.6	3.5
SSE	1.2	2.6	•6									4.4	4.6
S	2.5	8.7	6.1	1.1								18.4	6.2
ssw	1.4	6.6	6.2	2.2								15.4	7.1
SW	•6	2.5	3.9	1.4			i	<u> </u>	<u> </u>			8.4	7.5
WSW	• 4	• 4	•5	•3					 			1.7	7.1
w	• 5	• 2	•1								1	• 9	4.0
WNW	1										· ·		
NW	•1	•2	•2									•5	6.6
NNW	•2	• 4	•1									•8	4.6
VARBL									 		 		
CALM		> <	>>	> <		>	> <	>	\supset	>>		6.6	
	19.6	39.7	27.7	6.5	<u> </u>	<u>-</u>		·	<u>_</u>	``````````````````````````````````````		100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

9

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD A	FB WA	69-78		JUL
STATION		STATION HAME		YEARS	MONTH
			ALL WEATHER		8 900-1100
	_		CLASS		HOURS (L.S.T.)
	_		CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•5	1.0	• 9	•1						 	<u> </u>	2.5	5 • 8
NNE	• 4	1.1	1.1	• 4								3.0	6.4
NE	2.3	2.6	2.7	•8	•1				i	T	i	8.2	6.3
ENE	1.1	2.9	2.9	• 9	I					T		3.9	7.0
Ε	2.2	3.6	1.3	•2	 							7.2	5.0
ESE	1.0	• 9	•2			i — —				 	i	2.8	3.9
SE	• 4	1.1	•3			l				 		1.8	4.7
SSE	• 4	1.2	•3	•2			!					2.2	5.4
s	2.4	5.9	5.6	1.1	 		i — —					15.0	6.3
SSW	1.2	6.4	7.2	3.D	• 4							18.2	7.9
SW	•8	5.2	8.0	2.8	•2	i ———	i				1	16.9	8.1
wsw	• 5	1.2	2.6	1.9								6.2	8.3
w	• 4	•6	.8	•1		I				l		1.9	6.2
WNW	• 6	• 3					l					1.0	3.1
NW	•5	•1			l —				 			•6	3.2
NNW	• 1	•5	•3									1.0	5.8
VARBL				I		T				l			
CALM	\boxtimes	\geq	\geq	\geq	\geq	\geq	$\geq \leq$	\geq	\geq	\boxtimes	\geq	5.4	
	14.6	33.6	34.1	11.5	.8					l		100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC $\frac{\text{FORM}}{\text{AR}}$ 0-8-5 (OL-A) previous editions of this form are obsolete

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FAIRCHILD AFB WA	69-78	JUL
STATION NAME	YEARS	MONTH
	ALL WEATHER	1200-1400
	CLASS	HOURE (L.S.T.)
	COMPITION	
		STATION NAME ALL WEATHER CLASS

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	• 5	1.5	• 3	•1		i			l		3.2	6.1
NNE	•6	•9	1.3	• 3	•1							3.2	6.5
NE	•6	1.6	• 9	• 4	•1	i						3.7	6.6
ENE	.6	1.1	1.1	• 5		i		 			<u> </u>	3.3	6.8
E	1.6	1.1	1.1	•1	i	i				 		3.9	4.7
ESE	• 9	• 4	• 4				T					1.7	4.3
SE	• 6	•2	•2					T	1			1.1	4.8
SSE	• 5	1.6	•9	1				T		Ì		3.2	5.6
S	2.5	5.4	4.1	1.5								13.4	6.3
SSW	1.3	3.9	6.8	2.7	•1							14.7	7.8
SW	• 9	5.2	7.6	3.7	•1					1		17.4	8.4
wsw	• 5	2.0	3.5	3.1	• 3					1		9.6	9.2
W	1.3	2.8	2.6	.8	•1							7.5	6.6
WNW	• 6	1.2	• 8									2.6	5.3
NW	• 5	• 9	• 5									2.0	5.0
NNW	• 6	•6	• 3	•1								1.7	5.1
VARBL													
CAUA		$\geq <$		$\geq <$	><	$\supset <$	$\supset <$					7.6	
	15.4	29.4	33.0	13.7	1.0		T					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	MA			6	9-78						JUL
STATION			STATION NAME		ALL	WEATHE	R		171	LARS.	 		1700
						CLASS		-				NOW	85 (L.S.T.)
						COMPITION							
													
•	SPEED	\top		1	T			T			\top		MEAN

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
н	.9	1.1	1.4	• 3								3.7	6.4
NNE	1.4	1.0	1.1	.8	• 3	•1				l		4.6	7.8
NE	. 8	1.1	• 8	•3	•1							3.0	6.2
ENE	• 4	1.0	1.2	•2					i			2.8	6.7
Ę	1.6	.2.0	•6							1		4.3	4.2
ESE	• 5	1.0	•1				 					1.6	3.9
SE	1.1	. 8	•1									1.9	3.7
SSE	•6	1.2	• 4	•1				i		1	i	2.4	5.0
s	1.0	3.8	4 • C	•6	•1		i			 -		9.5	6.6
SSW	1.5	4.4	5.9	1.2								13.0	7.0
SW	• 9	4.6	7.3	3.9	•2		i				<u> </u>	16.9	8.4
WSW	1.1	3.5	5.8	3.1	•1			i	l			13.7	8.3
w	1.0	2.7	2.9	1.1	•1							7.7	7.3
WNW	• 5	• 5	1.1	•2								2.6	6.4
NW	1.6	1.0	.4	•1						<u> </u>	1	2.5	4.8
NNW	•6	1.1	•5						i			2.3	4.9
VARSL				i									
CALM		$\supset <$	> <	$\supset <$	$\supset \subset$	$\supset \subset$	$\supset \subset$	$\supset \subset$	> <	$\supset \subset$		7.6	
	14.8	30.9	33.7	11.9	1.0	.1				 		100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78		JUL
STATION	STATION NAME		TEARS	BONTH
		ALL WEATHER		1800-2000
		CLASS		NOVES (L.S.T.)
		CONDITION		

	24.8	34.5	20.5	5.6	•5	.1						100.0	4.
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	X	13.9	
VARIL	L	ļ	L		L								
NNW	• 3	•4	•2	•1					<u> </u>	i		1.1	5.
NW	• 5	1.6	• 6	• 1		L	L					2.9	5.
WNW	1.1	1.3	1.0	•2	•1							3.7	5.
w	2.0	3.7	2.0	• 8	•1	•1						8.7	6.
wsw	3.8	6.8	4.4	1.3	•1							16.3	5.
SW	2.3	3.4	3.3	1.0								16.0	6.
SSW	1.2	2.9	2.6	• 3								7.0	6.
S	3.7	3.1	1.3	• 3								8.4	4.
SSE	1.3	1.3	•9	•1				i				3.2	5.
SE	1.2	•8	1	•1			Γ					2.2	3.
ESE	.8	•3	•1		•1							1.3	4.
E	1.9	1.4	•2						ļ ———			3.5	3.
ENE	1.2	1.6	1.0				l					3.8	5.
NE	• 9	1.5	• 5	•6				T				3.7	6.
NNE	1.3	2.8	1.2	• 4	•1		i —	1				5.8	5.
N	1.5	1.9	.9	• 2				1				4.€	5.
SPEED (KNTS) DIR,	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WINI SPEEI

TOTAL NUMBER OF CESERVATIONS

930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLUTE

USAFETAC AIR WEAT	HER SER	RVICE/M	AC	P	DII	RECTION	AND S	OF WII PEED /ATIONS			SUR	RFACE	WII	NDS
4114	FAIRC	HILD A	FB WA				69-	78					اق	UL
STATION			STATIO	E MARE						EARS				104TH
						ALL WE								-2300
						c	LA96						1000	8 (L.S.T.)
						COL	DITION							
						-								
		_												
	·		·		,		,	·			,			
	SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 -	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.9	2.2	• 4	•1	i							3.5	4.6
	NNE	1.3	2.0	1.0	•6								4.9	5 • 8
	NE	1.2	• 4	• 4	• 4		<u> </u>	<u> </u>			<u> </u>	L	2.5	5•
	ENE	1.0	• 3	• 4	•1	<u> </u>	<u> </u>			 			1.8	4.
	E	1.2	.8		•1	 	 				<u> </u>		2.0	3 • 2 •
	ESE	• 5	•1	•1	•1	 -	ļ	<u> </u>			 	<u> </u>	1.1	4.
	SE SSE	2.3	1.7	•3		 	!					! 	4.3	3.
	5	3.4	2.3	•5	•1	 	}	 -			 	 	6.3	3.
	SSW	2.9	1.8	1.5	•3	 -	 	 		 	 -	 	6.6	5.
	SW	3.1	4.2	1.4	•1	 -	 	 			 	 	8.8	4.
	WSW	5.2	3.3	.9		 	i	l	·			1	9.4	3.
	w	4.7	2.9	1.0	•5		1						9.1	4.
	WNW	• 6	•6	-1	•1								1.5	4.
	NW	•1	•6	•1									.9	4.
	NHW	• 3	•5	•1		ļ	<u> </u>	ļ		<u> </u>	L	<u> </u>	1.0	4.
	VARBL	<u> </u>		<u></u>	_					<u> </u>			35.6	
							\sim	\sim	\sim	\sim	! ><		22.0	
	CALM	$\geq \leq$				\sim			\leq					

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAG

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

ALL

7438

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

69-78

				9242	8 (L.S.T.)								
			·····		CON	BITIOG							
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	To the state of th	MEAI WINE SPEE
N [.8	1.2	.3	.1	•5	İ		İ				3.0	5.
NNE E	1.2	1.6	1.0	• 5	• 1	• 0	1			1		4.5	5.
NE	1.4	1.7	1.1	.5	•0	1	i	1		\sqcap		1 4.7	5.
ENE	1.5	2.2	1.4	•2	!		1		1			g 5.4	5.
E	2.3	1.9	•6	•1	 	1	i	1	 	 		1 4.8	4.
ESE	. 3	• 5	•1	<u> </u>	• 12	1	1		 	1		1.5	3.
SE	.9	•6	•2	0,	i		Ī	1	T	1		1 1.7	3.
SSE	1.5	1.4	•5	1 -1	<u> </u>	1	<u> </u>		 			3.5	4.
S	2.9	4.5	3.4	.7		1	Ī	1	T			111.6	5.
ssw	1.6	4.5	4.8	1.4	• 1	1	1					1 12.4	7.
SW	1.6	3.8	4.5	1.7	.1	T	1	1	1			1 11.6	7
wsw	1.7	2.5	2.4	1.3	1 .1							8.0	6.
w	1.7	2.0	1.2	.4	•5	.9			1			5.3	5.
WWW	.6	•6	.4	•1	• 0	Ī						1 1.6	5.
NW	. 4	•6	•3	.0		1						1 1.4	5.
NHW	• 3	•5	-2	•0								1.2	5.
VARSL													
CALM		\boxtimes	\boxtimes	\geq	\boxtimes		$\geq <$	$\geq \leq$	\geq	$\supset \subset$	> <	18.0	
	21.2	30.3	22.9	7.2	-4	a n	1		1			100.0	9.

USAFETAC RE 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BLOBAL CLIMATOLOSY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	59-76	AUS
STATION	STATION BANK	16105	eesta .
		ALL WEATHER	9090-0200
		CLASS	10000 (LS.T)
		CBESTTOR	

SPEED (KNTS) DIR_	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	4 - 55	≥56	%	MEAN WIND SPEED
N :	.9	1.1	•6	•1			i ———		<u> </u>	i		2.7	5.0
NNE	1.2	1.1	•1							i		2.4	3.6
NE	2.3	1.2	• 1					i .	Ī .	1		3.5	3.3
ENE	1.5	2.9	• 9					i				5.3	4.8
E	1.9	1.2	• 2				1			i		3 - 3	3.7
ESE	- 8						:	-	i	1		•8	2.1
SE	. 9	• 1		•1								1.1	3.3
SSE	1.3	1.2	• 1		i		1				_	2.6	3.5
S	2.9	4 • 2	1.5	• 1	i			<u> </u>		1		3 - 8	4.7
ssw	2.9	4.3	2.8	1.1	i							11-1	5.8
SW	2.9	1.8	2.2	•6	•1			1	T			7.6	5.8
wsw	1.4	1.4	•5	•2					1			3.5	4.8
w	2.5	2.5	1.3	•2				T .				6.5	4.8
WWW	-4	1.5	• 3	.1								1.8	5.0
NW		•3		•3									8.7
MW	• 5	•8										1.4	3.9
VARM									T				
CALM	\times	\times	\ge	\boxtimes	$\ge $	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	\geq	37.0	
	24.3	24.9	10.8	2.9	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM G-8-5 (OL-A) PIEVIOUS EDITIONS OF THIS FORM ARE ORSCULT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	AUG
STATION	_PAN KOITATS	YEARS	нтион
		ALL WEATHER	9300-0500
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.?	1.3	• 2									2.5	4.1
NNE	1.3	1.3	• 2									2.8	3.9
NE	3.7	2.4	• 8									6.8	3.8
ENE	3.2	3 • 3	• 9									7.4	3.8
E	2.9	2.2										5.1	3.3
ESE	1.4	• 3	• 1									1.8	3.1
SE	1.6	• 3										1.9	2.7
SSE	2.6	1.6	• 2									4.4	3.5
S	3.8	4.1	1.3	• 1								9.2	4.4
SSW	2.9	5.3	4.7	• 9								13.8	6.1
sw	• 8	1.5	3.0	1.0								6.2	7.6
WSW	• 6	• 9	• 5								i	2.0	4 • 8
W	• 5	1.3	• 5	•1								2 • 5	5.2
WNW	.1	• 2	• 1	• 3								• 8	9.0
NW			• 1									_ •1	10.0
NNW	• 2	• 3	• 1									• 6	4.7
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$			32.0	
	26.6	26.2	12.8	2.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC HAM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETI

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	AUG
STATION	STATION NAME	YEARS	NONTH
		ALL WEATHER	0600-0800
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1.3	4 • 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 3	• 9	• 4							 		1.6	5.0
NNE	1.0	1.3	1.0			<u> </u>		i		 	<u> </u>	3.2	5.1
NE	1.7	4.0	2.7	• 2		i				 		8.6	5.6
ENE	2.6	4.3	2.9					t	1	i		9.8	5.0
E	4.3	4.7	1.4									10.4	4.1
ESE	1.4	.8								1		2.2	2.8
SE	1.0	1.5	• 2									2.7	4.0
SSE	1.6	2.8	• 8			1		1				5.2	4.5
S	2.3	8.9	4.5	•6			İ					16.3	5.6
SSW	1.4	5.7	6.5	1.4				i				14.9	6.9
sw	1.2	2.7	3.8	1.5								9.1	7.4
WSW	• 4	• 4	•8	•2				1	 			1.8	6.3
w	•5	• 4	• 3			1	T			i — —		1.3	4.6
WNW	•1		•1	· · · ·								•2	4.5
NW		•1	•1				i					• 2	6.0
NNW	•2	•1	•2		<u> </u>							•5	4.8
VARBL			1										
CALM		$\geq <$		$\geq <$					$\supset <$	$\supset <$		11.8	
	20.0	38.6	25.6	4.0						1		100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $_{\rm JR.~64}^{\rm FORM}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

> NNW VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FAIRC	HILD AF					69-	78						UG
			STATION	MANE						EARS				KTHOI
						ALL WE	ATHER							-1100
						•	LASS						HOUR	5 (L.S.T.)
		_				con	MOITIGN .							
r													 	
	SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
I	N	1.5	•6	• 3									2.5	3.6
ı	NNE	1.3	2.5	• 9	•2		l						4.5	5.0
1	NE	1.6	4 • D	2.4	• 5								8.5	5.8
Ī	ENE	1.7	3.5	1.5	• 4								7.2	5.4
Ì	E	2.9	4.2	• 9	•1								8.1	4.5
Ì	ESE	1.1	• 8	•1									1.9	3.7
Į	SE	1.3	• 8	• 3									2.4	3.7
ſ	SSE	1.2	• 9	• 2									2.3	3.9
Ī	S	2.3	6.2	4.1	.4								13.0	5.9
Ī	SSW	1.8	7.3	8.6	1.5	•1							19.4	7.0
I	sw	1.0	3.8	6.5	3.8								14.9	8.3
Ì	wsw	• 4	1.3	1.7	1.3	•1							4.8	8.4
l	w	• 5	1.4	•4	•2								2.6	6.0
[WNW	•2	.4	•1									• 8	4.6

TOTAL NUMBER OF OBSERVATIONS 93

100.0

5.9

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FAIRCHILD AFB WA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

69-78

					756 75	771121							2100	
	_				c	LASS						HOUR	\$ (L.S.T.)	•
	_	 .			CON	DITION		 _						
	_							·						
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
N	1.1	1.4	•1	•1								2.7	4.2	1
NNE	1.3	2.5	1.0	• 2								4.5	5.0	1
NE	1.6	2.8	• 3	•1						 		4.8	4.3	١
ENE	.6	1.7	• 5	• 3								3.2	5.6	1
Ε	1.8	1.3	• 5	•1	 		 					3.8	4.1	1
ESE	• 8	• 4				1						1.2	3.4	1
SE	• 9	1.0	• 3					i				2.2	4.3	1
SSE	1.0	• 3	• 2				ļ		1			1.5	3.6	1
5	1.7	4.0	4 . 3	• 5								10.6	6.2	
SSW	2.4	4.2	8.0	2.4	• 1							17.G	7.5	I
sw	1.1	4.2	8.6	3.5	• 2							17.6	8.4	
WSW	. 9	2.0	4.0	2.3	• 1							9.2	8.3	
w	1.3	4.2	2.6	1.0								¥•₿	6.4	
WNW.	• 9	•6	• 5	•2								2.3	5.3	
NW	• 4	•6	• 3					I				1.4	4 • 8	
NNW	• 5	• 4	• 1									1.1	3.5	
VARBL														1
CALM		$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	$\triangleright <$		7.8		

TOTAL NUMBER OF OBSERVATIONS 930

:00.0 6.1

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

18.2 31.3 31.4 10.9

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	AUG
STATION	STATION NAME		YEARS MONTH
		ALL WEATHER	1500-1700
	·	CLAS#	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.1	1.2	• 4	•2								2.9	4.7
NNE	1.2	1.4	1.0	• 4							1	4.0	5.8
NE	1.5	• 5	• 5	• 3								3.0	5.1
ENE	1.3	1.0	• 9	• 3								3.4	5.3
£	1.3	1.1	• 5	•1								3.0	4.4
ESE	• 4	• 4										.9	3.4
SE	1.1	• 2	• 1									1.4	3.2
SSE	1.1	1.0	• 3									2.4	4.1
5	1.8	2.5	1.5	• 1								5.9	4.8
SSW	1.5	4.1	4.0	2.0	•1							11.7	7.3
sw	1.4	4.8	9.7	3.2	• 3							19.5	8.2
WSW	2.0	3.0	7.4	3.3	• 4							16.3	8.5
W	1.3	3.0	4.4	1.3	•1							10.1	7.2
WNW	• 8	1.4	1.4	• 1								3.7	6.0
NW'	• 8	1.6	. 4	• 3								3.1	5.5
NNW	• 3	• 8	•1	• 2								1.4	5.9
VARBL													
CALM		\geq	\geq	\geq	\geq	\geq	$\geq \leq$	\geq	\geq	\geq	$\geq \leq$	7 • 3	
	18.8	28.0	32.8	12.1	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHI	LD AFE	WA			69-	78					A	UG
STATION			STATION NAME						EARS				NONTH
					ALL WE	ATHER						1800	-2000
						1.456						HOUR	\$ (L.S.T.)
					COI	DITION							
													
	SPEED (KNTS)	- 3	4-6 7	- 10 11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.2	• 8	• 3					l		i	3.4	5.3
NNE	1.2	2.5	• 5	•2	i — — —							4.4	5.0
NE	1.3	1.0	•1	•2		i	 					2.6	4.5
ENE	1.5	1.8	1.0	•3	•1							4.7	5.5
E	1.2	1.8	•2	·I								3.3	4.2
ESE	• 5	• 3	•1			1						1.0	3.0
SE	• 4	•2	•1	i								• 8	3.7
SSE	. 8	•1			l							• 9	2.4
\$	2.2	.9	•6									3.7	3.9
SSW	3.2	3.5	1.6	.4								8.8	5.0
SW	4.7	5.6	3.9	1.4	•1						t	15.7	5.8
WSW	3.8	6.6	4.3	.4								15.1	5.5
w	2.3	4.2	2.8	• 8								10.0	6.0
WNW	1.2	• 8	• 8	•2								2.9	5.5
NW	.9	• 3	•1	•1								1.4	3.9
NNW	•5	1.0	•2							t		1.7	4.5
VARBL		T	i									1	
CALM		$\supset <$	$\supset <$	$\supset <$	> <			$\supset <$	$\supset <$	$\supset <$		19.7	
·=	26.8	31.7	17.1	4.5	•2		Ţ	T				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

9)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	AUG
STATION	STATION NAME	YEARS	RTHOR
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		COMPLITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 8	•8	•6	•1					 			2.3	5.4
NNE	• 8	1.3	.4							i		2.5	4.4
NE	• 5	• 6	•6	• 1	• 1			<u> </u>		i — —		2.0	6.4
ENE	1.2	1.0	1.0		•1	i						3.2	5.3
E	1.5	.9										2.4	3.1
ESE	•2	• 1	.1					 				• 4	4.3
SE	.4	• 1										•5	2.4
SSE	• 9	• 5	•1									1.5	3.6
S	2.0	1.8	• 5	• 1			 			T		4.5	4.1
ssw	3.7	2.9	1.5	• 6	•1		i					8.8	5.3
SW	5.2	3.8	2.5	• 5	•1		1					11.6	4.7
wsw	2.9	4.9	1.3	• 3	•1							9.6	4.8
w	4.8	5.9	1.0	•1								11.8	4.0
WNW	•5	1.1										1.6	4.1
NW	• 3	• 5	•1									1.0	4.0
NNW	• 6	•1	•1									•9	3.3
VARBL													
CALM	><	\boxtimes	$\supset \subset$	\boxtimes	\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes	><		35.4	
	26.3	26.3	9.5	1.9	_ •5							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

114	FAIRCHILD	AFB WA	69-78		AUG
STATION		STATION MAME		YEARS	HONTH
			ALL WEATHER		ALL
			CLASS		MOVES (L.S.T.)
			CONDITION		
			· 		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.3	•4	•1	i							2.6	4.7
NNE	1.1	1.7	• 6	•1								3.6	4 • 8
NE	1.8	2.1	1.0	• 2	•3							5.0	4.9
ENE	1.7	2.4	1.2	•2	•0							5.5	5•0
Ε	2.2	2.2	• 5	•1					1			4.9	4.0
ESE	•8	• 4	•1									1.3	3.2
SE	• 9	• 5	•1	• 0								1.6	3.6
SSE	1.3	1.0	•2									2.6	3.8
	2.4	4.1	2.3	•3				i				9.0	5.2
ssw	2.5	4.7	4.7	1.3	•1							13.2	6.5
sw	2.3	3.5	4.9	1.9	•1							12.8	7.2
wsw	1.6	2.6	2.6	1.0	•1							7.8	6.8
w	1.7	2.9	1.7	•5	•0							6.7	5.6
WNW	• 5	• 7	. 4	•1								1.7	5•5
NW	• 3	• 5	• 2	•1.								1.1	5.3
NNW	• 4	• 5	• 1	•1								1.1	4.7
VARSL													
CALM		\geq	\geq	\geq	\geq	$\geq <$	\boxtimes	$\supset <$	\boxtimes	$\geq \leq$	$\supset <$	19.5	
	22.5	30.6	21.1	5.9	•3							100.0	4.6

TOTAL NUMBER	OF OBSERVATIONS	7439

ISAFETAC SR 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	w A	69-78	SEP		
STATION			STATION NAME	YEARS	MONTH		
				ALL WEATHER	0000-0200		
				CLASS	MOVRS (L.S.T.)		
				COMPITION			

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	8.	1.9	• 4	• 4								3.6	5.7
NNE	2.7	1.4	1.1	1.2	•1	i						6.6	6.2
NE	3.6	1.6	1.0	• 3								6.4	4.4
ENE	3.5	2.9	1.3									7.8	4.1
E	1.3	• 8	•1									2.2	3.3
ESE	. 4											• 4	1.8
SE	1.2	• 4										1.7	2.7
SSE	. 9	1.6	• 3									2.8	4.4
S	2.2	3.7	2.6	. 4								8.9	5.5
SSW	- 8	3.2	4.1	1.1					· · · · · ·	1		9.2	7.4
SW	.8	1.4	1.7	• 9								4.8	7.2
WSW	.4	1.3	• 9	• 4								3.1	6.7
W	2.4	1.3	1.1									4.9	4.2
WW	•8	• 4	•1							[1.3	3.3
NW	•3	•6										. 9	4 • B
NNW	• 7	• 9	•1									1.7	4.0
VARBL													
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$		><	\geq	\triangleright	><	$\geq \leq$	><	33.8	
	22.9	23.4	14.9	4.9	•1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

JSAFETAC FORM 0-8-5 (OL-A) PPEVIOUS EDITIONS OF THIS FORM ARE ORSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24:14	FAIRCHILD AFB WA	69-78		SEP
STATION	STATION MANE		TEARS	HONTH
		ALL WEATHER		G300-0500
		CLASS		HOVES (L.S.T.)
		CONDITION		
			- 	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 7	• 4	-8	•2								2.1	6.4
NNE	2.2	2.2	• 9	1.1	• 3		i ——					6.8	6.5
NE	4.4	2.3	1.1	•2			i			I		8.1	4.0
ENE	3.7	4.8	1.6	İ								10.0	4.2
E	3.2	1.6	•2	i	i							5.0	3.2
ESE	1.5	•4	i				l —			l — —	i	1.4	2.8
SE	. 8	•6	•1				T					1.4	3.1
SSE	1.9	•8	•1							l		2.8	3.3
S	2.3	5.0	2.9	•3								10.6	5.5
SSW	1.2	3.7	5.4	1.7								12.0	7.2
_ sw	1.0	1.9	2.0	•9								5.8	6.9
wsw	• 7	•6	• 4			i						1.7	4.7
w	• 4	•2	•3									1.0	4.6
WNW	.1	• 5	•3		T						T	1.0	5.2
NW	• 4	- 2	•2									. 9	4.5
NNW	•1	• 4	•1	•1				Γ				• 8	5.6
VARSL	1												
CALM		\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\times	\boxtimes	\boxtimes	\boxtimes		28.7	
	24.2	25.7	16.6	4.6	•3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

SAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	WA		69-78			SEP
STATION			STATION NAME			YEARS		MORTS
				ALL WE	EATHER			0600-0800
					CLASS			HOUSE (L.S.T.)
								`
				Çū	MOITION			

	20.6	33.8	24.7	5.6	•8							100.0	5.1
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.6	
VARSL													
NNW		•2	•1	•2								-6	8.6
NW			•2									•2	8.0
WNW	•2	•7	•1									1.0	4.9
w	• 2	• 3	•3	•1	i							1.0	6.3
wsw	.1	.4	•6	•2								1.3	7.4
SW	• 3	1.6	2.9	1.7								6.5	8.4
SSW	2.3	4.8	6.0	1.1								14.2	6.5
s	3.4	6.5	4.0	•3			I	T	1			14.2	5.4
SSE	1.4	1.0	•3	i	 		<u> </u>		1		1	2.8	3.9
SE	1.0	•4	•2	i						 		1.7	3.6
ESE	.8	1.1		•1	l		<u> </u>		† ·			2.0	4.3
E	3.0	4.3	1.1					 		 		8.5	4.5
ENE	3.1	6.8	4.9									14.8	5.5
NE	3.2	3.8	2.2	.4	•3			 	 			10.0	5.8
NNE	.9	1.2	1.2	1.2	• 4		i —	 	<u> </u>	<u> </u>		5.0	8.4
N	.4	•7	. 4	•1				 		 	l	1.7	5.9
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

899

USAFETAC TORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	SEP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0900-1100
		CLAM	mount (LS.T)
		CORDITION	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	A Marian	MEAN WIND SPEED
N	.4	•6	.4	• 3				 	 			1.8	6.8
NNE	. 8	• 9	1.3	.8	• 3			i		İ		4.1	8.1
NE	1.5	3.8	5.3	2.7	•2							13.6	7.7
ENE	1.1	4.9	3.6	• 4								10.0	6.2
E	1.8	5.0	1.9	•3		 	i — —					9.0	5.4
ESE	.6	•7	•4	•1				 		 	i	1.8	5.9
SE	1.3	1.3	•6	•1	i	i		i	 			3.3	4.7
SSE	1.0	1.4	•7			i —				<u> </u>		3.1	4.6
5	2.4	4.4	4.0	•6		i		 				11.4	6.0
WZZ	1.9	5.0	6.0	2.9	 	 		i	 	 		15.8	7.4
SW	.5	2.3	4.9	2.7	•2	l	i	 	 	 		10.7	8.6
WSW	•6	1.0	1.4	1.3	.7	l — —				 		5.0	9.7
w	.4	1.0	1.4	•6	 	 			 	 	i	3.4	7.3
WNW	•2	• 4	•3	.1				 				1.1	6.7
NW	• 3	•2	•1	•1	 	i		 		 		.8	5.0
NNW	•2	•2	•2					<u> </u>	 -		<u> </u>	.7	5.3
YARSL	1						 		T	 		į	
CALM		$\supset \subset$				$\supset <$	> <		$\supset <$	$\supset <$		4.4	
	15.2	33.2	32.7	13.0	1.4				1	<u> </u>		100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS TORM AND OBSOLET

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	SEP
STATION	STATION BLUE	TEASE	BORTS
		ALL WEATHER	1200-1406
		CLASS	MODES (L.S.T.)
		CONSTITUTE	-

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	4 - 55	≥54	%	MEAN WIND SPEED
N	1.2	1.7	•2	•3					1			3.4	4.8
NNE	1.4	2.C	1.2	.7	i			<u> </u>	T		i	5.3	6.1
NE	1.7	3.4	2.1	1.1	• 1	•1		T T		Ī	T	8.6	6.8
ENE	1.0	1.3	1.8	• 5	•1			l	i	<u> </u>		4.8	6.8
E	1.2	2.7	1.3			i				i	i	5.2	5.2
ESE	.4	. 4	• 4		!		 		i	i		1.3	4.8
SE	• 3	•8	• 3			i — —	i — —			T	 -	1.4	5.2
SSE	.7	.4	•7	•1	 			l			i i	1.9	5.6
\$	1.6	4.2	2.9	•1	T	1	!	i —		T	<u> </u>	8.8	5.6
SSW	1.8	5.3	5.6	2.3	• 4	•1	 			T T		15.6	7.7
SW	1.6	3.1	6.2	4.4	•9		Γ	T	1	T		16.2	9.0
wsw	1.2	1.9	2.8	2.8	•8	l		i — —	·			9.4	9.1
w	1.2	1.7	2.4	1.1	•3				T		 	6.8	7.6
WNW	•3	.9	-4			i	T		i	1		1.7	5.5
NW	• 9	•7	.4		•2	T				1		2.2	5.8
NW	•6	.9	•2	•1								1.8	5.1
VARM			1		i			1	i		 	i	
CALM	><	\boxtimes	\times	\boxtimes	\boxtimes	\boxtimes	$\geq \leq$	\boxtimes	\boxtimes	\boxtimes	>>	5.6	
	17.1	31.4	29.1	13.7	2.9	•2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC POINT 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AF	FB WA		69-78		SEP
STATION		STATION NAME			TEAM	 ROUTE
			ALL WEAT	HER		1500-1700
			CLASS			100 M (L.S.T.)
			Compete	09		

SPEED (KNTS) DIK.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41-47	40 - 55	≥56	*	MEAN WIND SPEED
N	. 9	1.7	1.4	•1						i]	4.1	5.6
NNE	1.7	2.1	1.4	1.2	• 1			1				\$ 6.3	6.5
NE	1.3	1.9	1.9	.7	• 2							6.0	6.8
ENE	1.2	1.7	.7	.4					T			¥ 4.0	5.7
E	1.1	2.3	• 4	•1	I				T	T		4.0	4.6
ESE	.7	.4										1-1	3.7
SE	1.1	•6	•1						Τ			1.8	3.7
SSE	• 9	• 9	•3					l l	Γ			2.1	4.2
5	1.9	2.7	2.1	•2	i					i		6.9	5.4
SSW	1.1	3.8	4.7	2.2	•2		I		<u> </u>	i		12.0	7.7
SW	1.3	3.9	5.7	4.0	. 4				T	1		15.3	8.6
WSW	• 9	2.6	4.1	2.8	•7	•1		T	1	i	i	11.1	9.3
w	1.0	2.9	2.7	1.7	i			1	1			8.2	7.4
WHW	-4	•9	•5	•1	 	i	i — —	i				2.0	5.4
NW	• 9	1.0	•4	•2	i -	l		1	†			2.6	5.3
MW	1.5	•8	•3	•3	i	i		1				2.4	5.7
VARM					l			!	T			1	
CALM	$\geq <$	\geq	\boxtimes	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	\boxtimes	\boxtimes	\boxtimes	\geq	10.0	
	17.4	35.0	26.9	13.9	1.7	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC AR 64 0-5-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLED

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	SEP
MOLTATE	STATION NAME	YEARS	MONTH
		ALL WEATHER	1800-2000
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.2	2.1	1.0									5.3	4.6
NNE	2.3	4.8	1.2	•2			 					8.6	4.8
NE	1.3	2.7	• 4	8.	•1	i		T				4.3	6.5
ENE	1.2	1.6	• 3	•2				†"	<u> </u>	T		3.3	4.7
E	1.4	• 6	•2					<u> </u>				2.2	3.6
ESE	• 4	• 2	•1			<u> </u>					<u> </u>	•8	3.9
SE	• 6	•6					l — —		1			1.1	3.4
SSE	• 9	• 8	• 3									2.0	4.0
5	4.2	2.8	•7				i		1			7.7	3.8
SSW	3.7	2.4	1.1	•2	•1		l	 	†			7.6	4.7
SW	3.7	3.4	2.9	1.2			l					11.2	5.9
wsw	2.9	3.4	1.9	1.3						<u> </u>		9.6	5.8
w	2.4	1.7	1.1	•6	•1				1			5.9	5.3
WNW	• 2	1.3	•1									1.7	4.9
NW	•1	•1						1				• 2	2.5
NNW	•1	• 3	• 4	•1								1.0	7.6
VARBL					l								
CALM		\supset	\times	\supset		\sim	\supset		\supset	$\supset <$	>>	27.6	
	27.4	28.1	11.9	4.7	• 3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM $_{\rm ARL~64}$ 0-8-5 (OL-A) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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24114	FAIRCHILD	AFB WA		69-78		SEP				
STATION		STATION HAME			YEARS	MTHOM				
	•		ALL WEATHER							
	•			CLASS	·	HOURS (L.S.T.)				

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•7	1.8	• 9	• 1	•1	•1						3.7	6.2
NNE	1.6	2.8	• 4	•1	• 3			1				4.4	5.6
NE	1.8	2.1	1.0	•6								5.5	5.1
ENE	• 8	2.3	• 3						l			3.4	4.4
E	1.0	.8							1	 		1.8	3.0
ESE	• 3		•1			 	1					.4	3.8
SE	• 9	.7					1					1.6	3.3
SSE	•8	• 4	.7			l			 			1.9	4.5
S	2.6	3.0	2.0	•1		 						7.7	5.2
SS:W	2.4	3.3	2.3	•8	•1							9.0	5.6
SW	2.4	2.3	1.4	.6		i —		 	1	 	 	6.8	5.3
wsw	2.3	1.3	1.6	1.0		 					· · · · · · · · · · · · · · · · · · ·	5.2	5.9
W	3.6	2.8	1.0	.4		 						7.8	4.6
WNW	• 9	1.2	•1	.1		 -	1		 		 	2.3	4.5
NW	•2	.6	• 2	•1				 		 	 	1.1	5.4
NNW	•4	.8	.1	.1				1				1.4	4.9
VARBL	<u>-</u> -		 			 	 	 	 	 			
CALM	\boxtimes	>>	\geq	>>	\geq	\boxtimes	\boxtimes	\geq	\boxtimes	\geq		34.9	
	22.7	25.5	12.2	4.0	.6	•1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	WA		69-78			SEP
STATION			STATION NAME			YEARS		MONTH
				ALL WE	ATHER			ALU
					LASS			HOURS (L.S.T.)
				co	NOITION			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 9	1.3	•7	• 2	•0	•0						3.2	5.6
NNE	1.7	2.1	1.1	•8	•2				<u> </u>	T	1	5.9	6.4
NE	2.3	2.6	1.9	• 8	• 1	•0						7.8	6.1
ENE	2.0	3.3	3.1	• 2	• 3							7.3	5.2
E	1.8	2.3	.7	•1						T		4.7	4.4
ESE	•6	• 4	.1	•0						T	Ι	1.2	4.0
SE	• 9	• 7	•2	•0								1.8	3.9
SSE	1.1	• 9	• 4	•0								2.4	4 • 3
s	2.6	4.0	2.6	• 3							i	9.5	5.3
SSW	1.9	3,9	4.4	1.5	•1	•0		 				11.9	6.9
sw	1.5	2.5	3.5	2.0	•2				1			9.7	7.8
wsw	1.1	1.6	1.7	1.2	•3	•0						5.9	7 • 8
w	1.5	1.5	1.3	• 6	•1							4.9	6.0
WNW	• 4	•8	• 3	•0								1.5	5.0
ИW	• 4	.4	•2	•1	•0					T		1.1	5.2
NNW	.4	•6	•2	•1								1.3	5.5
VARBL									T				
CALM		\geq	\boxtimes	\geq	\boxtimes	\boxtimes	\geq	\boxtimes	\geq	\boxtimes		19.9	
	21.0	28.9	21.1	8.0	1.0	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7198

USAFETAC FORM 0-8-5 (UL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

CHE COME TO THE TOTAL STATE OF THE STATE OF

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	OCT
STATION	STATION NAME	YÇARS	HTHOM
		ALL WEATHER	0 000-0200
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
×	• 2	1.1	•6	•1								2.0	6.B
NNE	1.5	1.7	•2	•2	• 1							3.8	5.0
NE	3.1	2.5	• 5	•6	•1							7.0	5.0
ENE	2.6	5.8	1.3									9.7	4.7
E	• 8	1.0	• 3									2.0	4 . 4
ESE	• 6	• 3	•1									1.1	3.2
SE	• 9	• 3	•1									1.3	2.8
SSE	.3	1.0	• 3	•1								1.7	5.3
5	3.5	2.5	2.2	• 5								8.7	5.2
SSW	2.2	2.5	3.2	2.3	•1							10.2	7.6
sw	1.2	1.6	2.5	•8			I					6.0	6.9
WSW	•3	1.4	• 8		i							2.5	5.8
w	1.6	1.1	• 5									3.2	4.1
WNW	•6	•8	•1		• 1							1.6	4.6
NW	• 5	•8			:							1.3	3.9
NNW	•3	•8										1.1	4.4
VARBL													
CALM		\boxtimes	> <	\boxtimes	\boxtimes	\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes		36.8	
	20.3	25.1	12.8	4.6	.4			}				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

9)

C

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIR	CHILD A					69-	78						CT
STATION			STATIO	N HAME			47450			TEARS				-0500
		_				ALL WE	LASS							= U 3 U U
						·								. (2.5.1.)
		-				COI	IDITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.1	• 5	• 1	•1	• 1							1.9	5.2
	NNE	1.8	1.5	• 5	.4								4.3	5.0
	NE	3.9	3.3	1.8	•2	•1			I				9.4	4.7
	ENE	2.6	4.9	1.6	•2	T							9.4	4.8
	E	1.7	1.3	.8	$\overline{}$								3.8	4.2
	ESE	• 4	• 4										• 9	3.5
	SE	• 9	• 5	•1	• 2								1.7	4.5
	SSE	1.4	1.3	• 3			 	<u> </u>	1		1		3.0	4.2
	S	2.4	4.0	2.8	•2								9.4	5.7
	SSW	• 9	3.5	4.6	1.3								10.3	7.4
	SW	1.0	1.8	1.8	1.0	•1							5.7	7.2
	wsw	•6	-8	• 4	•2								2.0	5.2
	w	1.2	1.3	• 2									2.7	4.0
	WNW	•3	•2		T		1	T			T		•5	3.6
	NW	•1	.4	•3							1		• 9	6.3
	NNW	•1	•3							1			• 4	4.5
	VARBL				1		 					1		
	6414												33.8	

TOTAL NUMBER OF OBSERVATIONS

930

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	ОСТ
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0600-0800
		HOURS (L.S.T.)	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•5	1.2	• 5	• 2					i	T		2.5	5.8
NNE	2•2	2.4	•8	• 5	• 1							5.9	5.3
NE	2.7	4 • 5	2.9	• 2	• 1							10.4	5.5
ENE	3.5	6.9	2.7	• 2								13.3	5.0
E	2.5	3.3	• 9									6.7	4.2
ESE	1.2	• 6										1.8	3.0
SE	1.8	• 8	• 3	•1			Γ					3.0	3.9
SSE	1.4	1.0	• 9	•1								3.3	4.8
\$	2.4	3.3	3.5	1.1					Τ			10.3	6.2
SSW	• 6	3.8	3.8	1.2								9.4	7.4
SW	1.4	1.5	2.0	• 9	•2							6.0	7.0
WSW	• 4	•1	•6	•2								1.4	7.6
₩	1.0	•6	•2									1.8	3.9
WNW	•2	• 4	.1				_					• 8	4.4
NW	• 3	• 4	•1									• 9	4.1
NNW	•2	•2										•4	3.5
VARBL												μ 1	
CALM		$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	\geq	\boxtimes	\boxtimes	\boxtimes		22.0	
	22.4	31.1	19.4	4.7	. 4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	WA		69-78		OCT	
STATION			STATION MARE			YEARS	 MONTH	
				ALL WE	ATHER		9900-1100	
				¢1	A\$6		HOURS (LS T.)	
				CONI	DITION			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 3	•6	• 3	1.1							<u> </u>	2.4	8.8
NNE	• 5	1.7	1.0	• 4	•2			1				3.9	7.3
NE	1.4	4.8	3.7	1.2	• 3							11.4	6.8
ENE	1.9	5.4	4.2	1.0	•2				T			12.7	6 • 5
E	2.7	5.8	1.9	• 3				 				10.8	5.0
ESE	1.0	1.7	.8	• 1					1	T	l	3.5	5.1
SE	. 9	1.3	1.1									3.2	5.3
SSE	•6	2.2	1.2		i				1	1		4.0	5.7
5	2.3	5.1	4.0	1.3						1		12.6	6.6
SSW	• 9	4.1	4.9	3.0	• 3			T			T	13.2	8.0
sw	•5	2.6	2.5	2.3	•1					T		8.0	8.4
WSW	•1	•6	1.1	• 5	•1	•1						2.6	9.6
w	• 3	• 3	-8	• 3	•1						Γ	1.8	8.4
Www	•6	• 3	•2									1.2	3.9
NW	•1	•5	•1									•8	5.6
NNW	• 2		• 4	•1								.8	7.6
VARBL		l											
CALM		\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes		7.3	
	14.4	37.1	28.1	11.6	1.4	•1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	OCT
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	• 4	• 5	• 2							 	2.9	4.8
NNE	1.6	2.3	1.6	.9	• 1		I			i	i	6.5	6.3
NE	3.3	4.4	2.5	1.1	• 3		i				l	11.3	6.0
ENE	2.3	2.4	2.3	• 9								7.7	6.3
Ę	1.7	1.7	• 9	•2								4.5	4.8
ESE	8•	•8	• 3				Γ Τ					1.8	4.3
SE	1.8	1.0	• 4	•2								2.6	5.1
SSE	• 3	1.1	•6	•2								2.3	6.3
S	1.6	3.0	2.5	.8							i	7.8	6.2
SSW	1.6	4.1	5.9	2.7	•2							14.5	7.9
SW	1.1	3.1	5.3	4.2	• 3							14.0	9.0
wsw	1.0	• 9	2.6	1.3	•2	i		i				5.9	8.4
w	1.0	1.7	1.6	•8	•2	•1						5.4	7.7
WNW	• 5	• 8	• 3	•3							ļ —	1.9	5.7
NW	1.1	•5	•2	•1								1.9	3.8
NNW	• 5	•2	•2									1.0	4.1
VARBL					i			1					
CALM	><				><	$\supset <$	$\supset \subset$	\boxtimes				8.0	
	20.8	28.3	27.7	13.8	1.4	•1				 		100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB W	A	69-78	ОСТ
STATION	ST	ATION MAME	YEARS	жонти
		ALL WEATH	ER	1500-1700
		CLASE		HOURS (L.S.T.)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 1C	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.2	.4	•6		i		 		i		4.0	5.1
NNE	2.6	4.2	1.9	•5	• 1							9.4	5.5
NE	2.3	2.2	1.6	1.0	•1					 		7.1	5.9
ENE	1.8	2.9	1.4	•3	•1						i	6.6	5.4
E	1.8	1.3	•1						 			3.2	3.4
ESE	• 2	•5	•2									1.0	4.7
SE		• 3	• 3									-6	7.3
ŞSE	. 6	•8	•2	•1				<u> </u>		 		1.7	5.1
\$	1.4	2.8	1.7	•6	i							6.6	6.0
SSW	1.5	4.7	3.4	1.2	•1	•1			 			11.1	6.9
SW	2.5	4.9	4 . C	2.7	•1							14.2	7.2
wsw	1.5	2.7	2.7	1.7	•1							8.7	7.4
w	1.2	1.7	2.0	•5	• 3							5.8	7.2
WNW	1.0	1.3	•6	•2		1				1		3.1	5.4
NW	1.0	•6	•1	•1		<u> </u>		 -			l	1.8	4.2
NHW	.8	•6	.4						l			1.8	4.5
VARBL								1		T			
CALM		\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	X	$\supset <$	\supset	13.3	
	21.8	32.8	21.3	9.7	1.0	.1			1			100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) previous editions of this form are desolete

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIR	CHILD A	_				69-	78						CT
STATION		-	STATIO	M NTHE		ALL WE	ATHER			TEARS			1800	-2000 (Ls.Y.)
		-				COR	DITION							
	SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.7	1.7	1.0		•1			i — —			i	4.5	4.8
	NNE	1.9	3.2	1.1	• 3			<u> </u>					6.6	5.0
	NE	1.5	1.1	.9	•1				l				3.5	4.9
	ENE	1.5	2.6	.9									4.9	4.6
	Ε	1.7	1.2	•3	1					 	i		3.2	3.5
	ESE	• 5	• 2	•1				i	Ī ———			1	• 9	3.5
	SE	• 4	•8	•1									1.3	4.1
	SSE	• 6	• 5	• 3	•2				Γ				1.7	5.6
	5	3.0	1.7	• 3	•1								5.2	3.8
	SSW	3.1	3.9	1.7	1.2	• 1							10.0	5.8
	SW	2.3	1.9	2.2	• 8	•1							7.2	6.1
	WSW	1.6	3.3	1.5	•6								7.1	5.7
	W	2.3	1.5	1.1	. 8					- · · · - · · · ·			5.6	5.5
	WNW	. 4	• 4	.3	•1								1.3	5.2
	NW	• 5	• 5	•1									1.2	3.8
	NNW	• 3	1.1	<u> </u>	• 1								1.5	4.5
	VARBL		L	L		<u> </u>	Ī				L			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	34.3	
		23.5	25.7	11.8	4.3	•3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	OCT
STATION	STATION MANE	YEARS	Hents
		ALL WEATHER	2100-2300
		CLASE	MOURS (L.S.T.)
		CONDITION	
		СОЯБІТЮМ	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	.6		i			i				3.1	4.4
NNE	1.1	1.8	•5	•2	•1							3.8	5.3
NE	1.9	2.4	1.2	•2	•1	i						5.8	5.5
ENE	2.0	3.9	1.1	.1								7.1	4.7
E	.8	1.2	•3	1		1						2.3	4.2
ESE	•1	.4	i									•5	3.8
SE	.5	•3		1								1.0	3.4
SSE	1.3	•6	•2	•1								2.3	4.1
S	1.9	3.0	1.3	.8	•2		Γ					7.2	6.1
SSW	1.8	2.7	2.6	1.9	•1							9.1	7.3
sw	1.7	2.5	1.6									5.8	5.0
wsw	1.3	2.2	1.3	.1								4.8	5.2
w	2.9	2.6	.8					1				6.2	4.0
WNW	•4	.9										1.3	4.0
NW	• 4	1.0										1.4	4.1
NNW	•3	1.1	.1									1.5	4.6
VARBL			1	1						1			
CALM						$\supset <$			$\supset <$	$\supset <$	$\supset \subset$	36.8	
	19.9	27.7	11.6	3.4	•5					T		100.0	3.3

OTAL NUMBER OF OBSERVATIONS 930

ISAFETAC FORM 0-8-5 (OT -A.) PREVIOUS EDITIONS OF THIS FORM ARE CRECKET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78		OCT
STATION	STATION NAME		TEAM	MO-TH
		ALL WEATHER	•	ALL
		CLASS		20406 (L.S.T.)
		CONSTIUN		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	• 5	• 3	•0		i					2.9	5.5
NNE	1.7	2.4	1.5	• 4	•1		T					5.5	5.6
NE	2.5	3.2	1.9	•6	•1					T		8.2	5.7
ENE	2.3	4 • 3	1.9	• 3	• 6		i		1			8.9	5.3
E	1 1.7	2.1	.7	.1								4.6	4.4
ESE	• 6	•6	• 2	.0			i					1.4	4.1
SE	• 8	•7	• 3	•1								1.8	4.5
SSE	•8	1.0	• 5	•1								2.5	5.1
\$	2.3	3.2	2.3	•7	•0							8.5	5.9
SSW	1.6	3.7	3.8	1.8	•1	.0					1	11.0	7.3
SW	1.5	2.5	2.7	1.6	•1		Γ					8.4	7.4
WSW	• 9	1.5	1.4	•6	•1	•0						4.4	6.8
w	1.4	1.4	,9	•3	•1	•0			<u> </u>			4.1	5.7
WNW	• 5	•6	•2	•1	• 9							1.5	4.9
NW	•5	•6	•1	•0								1.3	4.3
NWW	•3	•5	•1	.0								1.1	4.7
VARSL													
CALM		\boxtimes	\boxtimes	\boxtimes	\geq	\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes		24.0	
	20.4	29.2	18.5	7.0	.7	.0				1		100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 7440

ISAFETAC FORM (6-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	NOV
STATION	STATION MARKE	TELAS	ROSTH
		0000-0200	
		CLASS	MOVES (E.S.T.)
		COMBITION	

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	No.	MEAN WIND SPEED
N	. 9	.4	•2		i		1				Γ	1.5	3.9
NNE	1.8	3.6	1.0	•6	•2						i	§ 7.1	5.7
NE	2.8	3.1	3.3	• 8	•1	• 1		T T				10.2	6.4
ENE	3.3	4.1	1.3				 					8 -6	4.5
ε	2.1	1.1	• 4	• 3						 		1 4.3	4.1
ESE	8.	.9	•1						i			1.6	3.8
SE	. 4	.9	.4	•1	·		İ				 	1.9	5.6
SSE	1.6	1.6	6.					1				3.€	4.6
\$	1.7	3.7	3.3	1.2			i —	T			i	9."	6.8
SSW	1.6	4.2	3.9	1.9	• 6		 					12.1	7.8
SW	1.0	1.9	2.8	1.2	•1	•2	i		Γ	\vdash		7.2	8.0
wsw	.7	• 9	• 3	1.0	•3						i	3.2	8.9
W	8.	2.2	.9	i –			i					3.9	5.3
WNW	•1	•6	i		i		i –					1 .7	4.3
NW		•3					 	†		 		• 3	4.
MMM	• 4	•3	•1									1 .9	3.5
VARBL	•	1										i	
CAUA		\geq	\boxtimes	\geq	\boxtimes	\boxtimes	\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes	22.6	
	19.9	29.8	19.6	7.1	1.3	• 3						100.0	4.8

TOTAL NUMBER OF COSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AME OBSOLETE

BLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	NOV
STATION	STATION NAME	HAM	ments.
		ALL WEATHER	9300-0500
		CLASS	##### (E.S.T.)
		Chellings	

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	25 - 33	34 - 40	41 - 47	48 - 55	≥54		MEAN WIND SPEED
N	1.7	1.3	•7					i .		<u> </u>	!	3.7	4.2
NNE	2.1	3.3	1.2	• 7			ļ			1	;	7.3	5.5
NE	2.0	4.2	1.9	•9	• 3	•1						9.4	6.6
ENE	2.3	5.0	2.4	.1			l			1		9.9	4.9
E	2.2	2.8	• 3									5.3	3.8
ESE	. 9	•6	•6						i	i	į	2.0	4.5
SE	8.	1.8	•8		i			I		1		3.3	5.0
SSE	2.3	1.2	• 4	•2	• 2				1			4.1	5.0
S	2.1	4.8	3.3	• 9		i				1		11.1	6.1
ssw	1.6	3.1	4.4	1.3	• 4		<u> </u>	<u> </u>		[10.9	7.6
sw	.6	1.6	2.7	1.4	. 4		!					6.7	9.1
WSW	•2	• 8	1.0	.7		• 1						2.8	8.7
w	. 9	•8	•2	•2				<u> </u>				2.1	5.2
WWW	•2	•3				<u> </u>	L		L			•6	4.0
NW		•1		<u> </u>	<u> </u>			<u> </u>				.1	4.0
HHW		•1				L	L					•1	4.0
VARM							<u> </u>					<u> </u>	
CALM	><	><	><			><	$\geq <$	><	$\triangleright <$	><	><	20.6	
	19.6	31.8	20.0	6.4	1.4	•2	l	i		1	T ====================================	100.0	4.8

TOTAL NUMBER OF DESERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSIDET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	WA	69-78		NOV
STATION			STATION NAME		YEARS	MONTH
	•			ALL WEATHER	0 600-0800	
				CLASS		HOURS (L.S.T.)
					-t	
				CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 9	• 7	• 2					l				1.8	3.7
NNE	1.7	3.7	1.6	1.0	• 2					1		8.1	6.4
NE	2.1	4.7	2.6	• 8	• 2							10.3	6.1
ENE	2 • 4	5.6	2.7	.1								10.8	5.1
E	1.7	2.0	• 4	• 1								4.2	4.3
ESE	• 7	• 6	• 4									1.7	4.5
SE	• 9	. 8	• 8	• 1								2.6	5.0
\$SE	1.3	2.1	1.0	•1							L	4.6	5.1
S	2.9	2.8	3.1	1.2	• 1							10.1	6 • 3
ssw	1.0	2.8	4.8	1.7	• 2							10.4	7.8
\$W	1.0	1.8	2.4	2.3	• 3							7.9	8.9
WSW	• 2	. 7	• 9	. 9	• 2							2.9	9.2
w	• 3	• 8	• 2	• 3								1.7	6 • 5
WNW	. 4	• 1	• 1									.7	3.5
NW	• 2	• 3	• 1									. 7	4 • 5
NNW	• 6	• 1										• 7	2.5
VARBL													
CALM		\boxtimes	\geq			\geq		\geq	\geq	\geq		21.0	
	18.3	29.3	21.3	8.7	1.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78		NOV
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0900-1100
		CLA56		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	• 4	• 3	• 2								1.8	5.2
NNE	.6	2.3	1.8	.7	• 3							5.7	7.5
NE	1.1	4.7	4.1	1.6	• 3							11.8	7.2
ENE	2.2	5.1	2.6	1.1		•1						11.1	6.2
E	2.8	4.2	• 8	•1					1		l	7.9	4.3
ŁSE	1.4	• 9	•2									2.6	3.5
SE	. 8	2.0	1.2	•2					T			4.2	5.9
SSE	1.2	1.9	2.8	• 3								6.2	6.4
S	2.1	4.9	3.4	1.0	• 3							11.8	6.6
SSW	1.8	2.8	3.4	1.2	•4	•1						9.8	7.6
sw	• 4	2.3	2.9	2.3	•4	•1	l ——					8.6	9.2
WSW	•1	1.0	1.1	• B	.6	i				 		3.6	10.3
w	. 3	• 6	• 8	1.1	•1		l					2.9	9.8
WNW	• 3	•2	• 6									1.1	6.2
NW	• 3	•2	•3									• 9	5.1
NNW		•1		.1								• 2	7.5
VARBL	T T					1		1					
CALM		\geq	$\geq \leq$	$\geq \leq$	\boxtimes	\geq	\geq	\geq	\geq	\geq	$\geq \leq$	10.0	
	16.3	33.7	26.3	10.8	2.6	• 3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114 STATION	FAIRCHILD AFB WA	69-78	NOV
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 49	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 2	• 1	• 2	• 1								• 7	6.5
NNE	. 9	1.8	1.6	• 3		•1					l	4.7	6.6
NE	• 6	4.2	4.8	1.7	• 2	• 1						11.6	7.8
ENE	1.7	4.3	3.2	•2	• Z							9.7	6.2
E	1.4	3.1	1.1	•2								5.9	5.1
ESE	• 8	1.3	• 3									2.4	4.5
SE	1.4	1.0	.8	•1								3.3	5.0
SSE	• 9	2.0	• 9	.4								4.2	5 • 8
\$	1.4	5.8	3.8	1.1					i			12.1	6.4
SSW	1.8	4.3	4.7	1.6	•1	• 3						12.8	7.5
sw	• 3	1.6	4.0	2.9	•4	•1	1					9.3	9.9
wsw	.4	1.1	2.4	1.3	• 3	• 2						5.9	9.7
W	•6	• 8	1.0	1.8	• 3							4.4	10.1
WNW	.7	• 2	. 8	•7								2.3	7.9
NW	• 2	•2	• 2	.1								• B	6.3
NNW	•1	• 4			ļ							.6	3.8
VARBL													
CALM		\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\geq	\boxtimes	\geq	\boxtimes		9.2	
	13.5	32.4	29.8	12.6	1.7	• 9						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	WA	69-78		NOV
STATION			STATION NAME		YEARS	NTHOR
				ALL WEATHER		1500-1700
				CLASS		HOURS (L.S.T.)
				CONDITION		

	17.6	35.2	21.6	9.2	1.3	•2			[100.0	5.4
CALM	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.9	
VARSL													
NNW	• 4	•1	• 3	•1			[1.0	5.3
NW		•1	•1									•2	8.0
WNW	•8		•6	•1					}			1.4	5.6
w	• 9	• 7	1.2	• 8	•1							3.7	7.8
wsw	. 4	1.7	1.2	1.9	• 3							5.6	9.
sw	• 7	2.0	3.4	2.8	• 3	•1						9.3	9.
ssw	1.0	3.2	3.2	•6	•2	• 1						8.3	7.
S	3.9	6.1	2.4	• 6								13.0	5•
SSE	1.3	1.6	• 7	. 4				i				4.0	5.
SE	• 8	• 9	• 2									1.9	4.
ESE	1.0	1.0	•2				1	!				2.2	3.
E	1.4	2.1	•7									4.2	4.
ENE	2.0	4.8	1.7	•1								8.6	4.
NE	.8	5.3	4 • D	1.G	• 2			i				11.3	7.
NNE	1.6	4.6	1.1	• 8	• 1							8.1	5.
N	•6	1.1	• 4	• 1						, ·		2.2	5.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(9 GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	Nov
STATION	STATION NAME	YEAR	NTHOM
		ALL WEATHER	1800-2000
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (ANTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	• 1									2.6	4.0
NNE	2.1	4.3	• 8	•7	•1							8.0	5.4
NE	1.9	4.0	1.8	1.1	•1							8.9	6.2
ENE	3.2	4.2	1.2	•1						i		8.8	4.5
Ε	1.7	1.6	• 3	•1				1	1	l		3.7	4.0
ESE	• 2	• 4	•1									.8	4.4
ŞE	1.6	• 9	• 3									2.2	4.3
SSE	1.1	1.6	1.2	• 4								4.3	6.1
5	3.0	3.2	1.8	• 8	•1				$\overline{}$			8.9	5.6
SSW	1.4	2.0	3.0	1.6	•6							8.6	8.4
\$W	1.6	1.1	2.3	2.4	•1	•1						7.7	8.5
W5W	1.0	1.6	1.5	. 4								4.6	6.2
w	. 8	• 8	• 7	•6								2.8	6.3
WNW	• 3	•1	. 4									.9	5.5
NW	• 3	• 3	.4		I							1.1	5.1
WNW	• 3	1.0	•1	ì								1.4	4.0
VARBL													
CALM		\geq	\geq	\boxtimes	\boxtimes	\boxtimes	\boxtimes	$\supset <$	\boxtimes	\boxtimes		24.8	
	20.7	28.9	16.2	8.2	1.0	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 899

SAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	₩A	59-78	NOV
BTATION			STATION HAME	YEARS	MONTH
				ALL WEATHER	2 100-2300
				CLASS	HOURS (L.S.T.)
				CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.3	.4	•1		i				 		3.2	4.3
NNE	1.9	3.0	•8	• 6	•1	i						6.3	5.5
NE	2.3	3.7	2.8	1.3	 					 		10.1	6.4
ENE	1.6	4.2	1.4							 -		7.2	5.0
E	1.9	2.0	• 3				i — —					4.2	3.8
ESE	1.0	• 4	•2				<u> </u>					1.7	3.8
SE	.4	• 8	•4				i					1.7	4.8
SSE	1.4	1.7	1.6	•2				ļ		 		4.9	5.3
S	1.4	3.2	2.2	1.0						1		7.9	6.3
SSW	• 9	2.4	2.4	1.7	•7			<u> </u>	1	 		8.1	8.4
SW	• 9	1.7	3.7	2.4	•2	•1						9.0	9.0
wsw	• 9	1.4	1.9	.6	•1							4.9	6.9
w	• 9	1.2	• 8	•1	•1							3.1	6.C
WNW	• 4	•7	.1									1.2	4.1
NW	•1	•2				i			1			• 3	5.0
NNW	• 4	•1	•1						1			.7	3.3
VARSL			1										
CALM	$\supset \subset$	$\supset <$	$\supset <$	\supset	\supset	> <	\supset		$\supset \subset$	$\supset <$		25.4	
	17.9	28.1	19.2	8.0	1.2	.1			T	T		100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC REAL 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD	AFB	₩ A		69-78			NOV
MOLTATE			STATION NAME			TEARS		MORTH
				ALL WEA	THER			ALL
				CLA	\$6		-	HOURS (L.S.T.)
						<u></u>		
				CORP	ITION			
								

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 9	• 9	• 3	• 1								2.2	4.4
NNE	1.6	3.3	1.2	•7	• 1	• 0	i — —	l				6.9	6.0
NE	1.7	4.2	3.2	1.1	• 2	• 0		 				10.5	6.8
ENE	2.3	4.7	2.1	•2	•5	•0			i	T		9.3	5.2
E	1.9	2.4	.6	•1		 			1	T	i	4.9	4.3
ESE	8.	• 8	• 3								i	1.9	4.1
SE	• 8	1.1	.6	•1			i	i				2.6	5 • D
SSE	1.4	1.7	1.2	• 3	•0		i		T		i — — —	4.5	5.5
s	2.3	4.3	2.9	1.0	•1		i	T		 		10.6	6.1
SSW	1.4	3.1	3.7	1.4	• 4	•1			1			10.1	7.8
SW	• 8	1.7	3.C	2.2	•3	•1	l			<u> </u>	ì ——	8.2	9.0
WSW	• 5	1.1	1.3	• 9	•2	.0						4.2	8+6
w	•7	1.0	.7	•6	•1						i	3.1	7.3
WNW	. 4	• 3	• 3	•1	i — —			T	1			1.1	5.7
NW	•2	•2	•2	•0								.6	5.3
NNW	•3	• 3	•1	•0	i							.7	4.0
VARBL					l		1	1		1			
CALM		\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	$\supset \subset$		\supset		18.6	
	18.0	31.1	21.7	8.9	1.5	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7198

USAFETAC FORM ARE 40-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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(9) SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	DEC
STATION	STATION MARK	TEARS	MALMON
		ALL WEATHER	0000-0200
		HOURS (L.S.T.)	
			_
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN "YIND SPEED
N	• 8	1.8	• 9							<u> </u>		3.4	5.1
NNE	1.1	2.3	1.5	. 4					 	 		5.4	5 • 8
NE	1.7	3.0	• 9	1.1				I		r		6.7	6.1
ENE	1.8	4.2	1.4	•5		i ——				i ——		8.0	5.4
E	1.2	1.2	•4						 			2.8	4.0
ESE	•2	•1	•1				i				i	•4	4.3
SE	• 8	•8	•5	•2					 	 		2.3	5.5
SSE	• 5	1.9	1.6	•4	•1						i	4.6	6.8
S	1.8	3.8	2.5	1.6	•4		i i					10.1	7.4
SSW	1.7	2.6	2.8	2.4	1.5	• 5	.1	i	1	T		11.6	10.3
sw	1.2	2.3	2.7	3.5	1.7	•2				l		11.6	10.7
wsw	• 5	• 9	• 8	• 6	•2							3.0	8.2
w	1.5	1.4	•6	• 3		l			 		l	3.3	5.7
WNW	•2	•6	• 2	•1								1.2	5.6
NW	• 3	•3	•3								<u> </u>	1.0	4.6
NNW	• 4	•6	•4									1.5	5.0
VARSL									1				
CALM		\boxtimes	×		\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes			23.1	
	15.3	27.7	17.7	11.3	4.0	.8	•1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH

OUSAFETAC

AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	DEC
STATION	STATION MAINE	PLAN	MONTH
		ALL WEATHER	0300-0500
		BEA?7	NOVAS (L.S.Y.)
		CONDITION	_

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.9	1.6	• 6							<u> </u>		3.1	4.5
NNE	1.3	2.6	1.1	. 4						1	i	5.4	5.6
NE	2.3	4.6	1.2	1.0								8.8	5.6
ENE	2.3	4.3	2.0	•1								8.7	5.2
E	- 8	1.5	•5			I — —						2.8	5.0
ESE	• 8	• 5	•1	•1	ĺ				1			1.5	4.4
SE	1.2	•6	•6									2.5	4.5
SSE	1.4	2.5	•8	• 3								4.9	5.3
S	2.7	3.0	2.4	1.3	• 3			1		T		9.7	6.7
SSW	1.3	2.5	3.7	3.1	1.6	• 2				\Box		12.4	9.9
SW	• 8	1.8	2.5	3.4	1.0	• 3		T		Γ		9.8	13.6
W\$W	•5	1.4	1.0	1.1	•2							4.2	8.3
w	• 9	1.4	.4	• 3								3.0	5.5
WNW	•1	• 4				1		T				• 5	4.4
NW	•1	•4	•2	•1								.9	7.1
NNW	.1	.4	•5									1.1	6.6
VARBL											1		
CALM		\sim			> <						> <	20.8	
	17.0	29.7	17.6	11.3	3.1	•5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	DEC
STATION	STATION MAME	AEVER	MONTH
		ALL WEATHER	660 0-0800
		CLASS	NOURS (L.S.T.)
			
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 7*	28 - 33	34 - 49	41 - 47	48 - 55	≥55	*	MEAN WIND SPEED
N	1.1	1.7	. 4							T	· · · · · ·	3.2	4.5
NNE	1.6	2.8	• 9	• 4						1		5.7	5.4
NE	1.3	4.6	1.6	•5	•1							8.2	6.0
ENE	2.5	4.5	2.0	•1					1			9.1	4.8
E	2.3	1.5	• 5									4.3	3.9
ESE	• 5	• 5	• 2									1.3	4.1
SE	• 8	.9	•6	•3	•1		I			i	 	2.7	6.7
SSE	1.8	2.5	• 4	• 5								5.3	5.1
5	2.5	3.7	3.0	1.3	.4			i		T		10.9	6.9
SSW	1.3	2.7	2.5	3.7	•5							10.6	9.0
SW	•8	1.7	2.4	2.8	•5	• 3	i				1	8.5	10.1
wsw	• 3	1.0	1.2	.8	.4	•1						3.8	9.5
w	1.1	1.0	•5	•3								2.9	5.3
WWW	•2	•2	•2									.6	4.3
NW	•2	•3	•1									•6	4.5
NNW	.6	.6	•1					<u> </u>				1.4	4.1
VARBL			1	<u> </u>				1				1	1
CALM	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes		20.9	
	18.8	30.2	16.8	10.8	2.2	. 4				T		100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD AFB WA	69-78	DEC
STATION	STATION MAME	YEARS	HORTH
		ALL WEATHER	0900-1100
		CLASS	SOURS (L.S.T.)
		COMPITION	
			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 2?	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	1.0	•1	. 1								1.8	4.5
NNE	1.5	1.5	• 8	• 5								4.3	5.5
NE	1.8	3.5	3•□	1.1	• 3							9.8	6.6
ENE	1.3	4.6	2.7	• 3	•1							9.0	5.9
Ε	1.8	3 • C	• 3	• 1								5.3	4 • 3
ESE	• 9	• 9	• 2				1					1.9	3.9
SE	• 3	1.9	• 5						l			1.8	5.7
SSE	1.2	2.0	2.3	• 9	• 2							6.6	7.2
S	2.8	3.9	3.2	1.9	•2							12.0	6.9
ssw	1.6	2.4	3.2	3.3	• 4							11.0	8.6
sw_	• 5	1.9	1.5	3.2	1.6	• 8						9.6	12.0
wsw_	.9	1.0	1.3	•6	• 1	•1						4.8	7.7
w	•5	1.3	1.4	- 6	•1		L					4.0	7.4
WNW	• 5	• 4	•2	•1								1.3	5.2
NW	.4	• 3	• 2				L					1.0	4.4
NNW	. 4	• 4	.1									1.0	4.1
VARSL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	\geq	\geq	$\geq \leq$	\geq		15.7	
	17.2	29.1	21.1	12.9	3.1	.9						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIR	CHILD	AFB	μA				69-	78					D	EC
STATION				STATION	MAME					· -	EARS				MATH
							ALL WE	ATHER						1200	-1400
							C	LASS						MOVA	5 (L.S.T.)
							COR	DITION							
												- <u>-</u>			
	SPEED	1 - 3			7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 46	41 - 47	48 - 55	>4		MEAN
	(KNTS) DIR.	1.3	1	- 6	7 - 10	11 - 10	17 - 21	11.11	28 - 33	34.40	41.4	48 - 33	≥56	%	WIND SPEED
	N	•	2	•6	• 1	• 1								1.1	5.7
	NNE	1.	3	1.9	1.2	. 4	•1							4.9	6.0
	NE	1.	3	4.7	2.9	1:C	•3	i		ļ				3.01	6.6

(KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 46	41 - 47	48 - 55	≥56	*	WIND SPEED
N	•2	•6	• 1	• 1								1.1	5.7
NNE	1.3	1.9	1.2	. 4	•1							4.9	6.0
NE	1.8	4.7	2.9	1 . C	• 3			!				10.8	6.6
ENE	1.9	4.8	2.2	.9								9.8	5.7
E	1.5	1.9	• 5									1 4.0	4.3
ESE	• 4	1.0	•1									1.5	4.5
SE	•6	1.7	• 5	•2							· · ·	3.2	5.6
SSE	1.4	1.4	1.8	1.2								5.8	7.0
S	2.5	3.8	2.9	• 9	•2							10.2	6.3
ssw	2.2	3.1	4.1	2.9	• 3					i		12.6	8.3
sw	8•	1.9	5.0	3.9	1.3	• 2						10.1	10.9
wsw	• 5	1.1	1.4	1,3	•4	• 5						5.5	10.5
w	1.1	1.3	•6	1.1	•1							4.2	7.3
WNW	. 4	-6	• 3	•1								1.5	5.5
NW	•2	- 8	. 4									1.4	5.7
NNW	•1	•5	•5									1.2	6.3
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$			12.3	
	17.2	31.3	21.8	13.9	2.8	.8						105.0	6.4

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (GL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIRCHILD 4FB WA	69-78	DEC
STATION	STATION MANE	TELES	SOUTH
		ALL WEATHER	1500 -170 0
		CLASS	NOVES (L.S.T.)
		CONDITION	
			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	Anvert to the state.	MEAI WIN . SPEE)
N	• 3	.8	.4				[i	<u> </u>		i	1.5	5.3
NNE	1.9	2.4	1.2	• 3							 	5.8	5.1
NE	2.0	4.1	2.5	• 6	•1		i			1		9.4	6.1
ENE	2.0	4.1	1.1	. 4	1			 	1		i	7.6	5.1
E	1.2	1.8	.4				1		i		i	3.4	4.4
ESE	1.1	1.2	•5	•1					i		<u> </u>	2.9	4.9
SE	1.1	1.1	.6	•6	•1			 	T	Ī	Ī	3.5	6.5
SSE	1.2	1.1	2.3	•6	.1	•1	!			ľ	<u> </u>	5.4	7.5
S	2.0	4.1	2.3	1.3	i i			i		T		9.7	6.3
SSW	1.5	2.9	3.4	1.9	1.2	•1	 	T	T		Ī	11.1	8.8
sw	1.7	2.4	1.7	2.8	•9	•2	Ī	i		1		9.7	9.5
wsw	1.2	1.3	1.3	1.0	•3				i			5.1	0.8
w	1.1	2.5	1.1	1.4	•1				İ		<u> </u>	6.1	7.0
WNW	•6	1.0	.4				1		i	T	1	2.0	5.1
NW		•2	•1					1	1		1	1 .3	5.3
NNW	•3	•5			i					i i		1 .9	3.8
VARM									1	1	T	4	
CALM		\boxtimes	\boxtimes	\geq		$\supset <$	\geq	\boxtimes	\boxtimes			15.6	
	19.4	31.3	19.4	11.2	2.8	. 4		1				100.0	5.8

TOTAL HUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLER

' න SLOSAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

±114	FAIR	CHILD A					69-	78						EC
STATION			STATIO	# WTEE		ALL #E	ATHER		,	relas				-2000
		_				c	196						2000	6 (L.S.T.)
		-				CON	этхрв							
	SPEED (KNTS) DIR.	71-3	4-6	7 - 10	11 - 16	17 - 21	22 - 77	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
	N	.6	1.1	• 5						 -	 		2.4	5.3
	NNE	3 2.2	2.9	1.1							i	i	6.1	4.4
	NE	1.0	3.5	1.7	-8						 	i	7.0	6.4
	ENE	1.8	4.5	1.0	•2						T		7.5	4.9
	Ε	1.6	1.2	•3	•1								3.2	3.9
	ESE	.4	•9		•1						i		1.4	4.5
	SE	£ •3	• 8	•5	•3				i				1.9	6.4
	SSE	1.2	2.4	2.2	1.9	• 1	i				<u> </u>		7.7	7.8
	5	1.3	2.9	3.9	.4	•2				 			8.7	7.0
	SSW	1.5	2.6	3.4	2.7	•8	i						11.1	8.8
	SW	1.2	2.2	1.9	2.4	1.3	•5						9.5	10.6
	WSW	. 9	1.2	-8	.9	• 3					1		4.0	7.8
	W	1.0	2.3	1.0	•5								4.7	5.6
	WNW	8	• 3	•5	•1		1			1			1.7	5.4
	NW	•5		•5									-8	3.9
	NWW	. 3	• 9	•1		I							1.3	4.6
	VARM													
	CAUP.	$\geq <$	\boxtimes	$\geq \leq$	$\geq \leq$	\geq	$\geq <$	$\geq \leq$	\geq	\boxtimes	\boxtimes		21.0	
		16.7	29.5	19.2	19.4	2.7	•5						100.0	5.5

USAFETAC FORM C-9-5 (OI -A.) PREVIOUS EDITIONS OF THIS FORM ARE OISOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0114	FAIRCHI	LD AFB	al A				69-	78					, D	EC
STATION			STATION HAM							YEARS			·	HONTH
						ALL WE	ATHER						2100	-2300
						C	LASS						HOUR	\$ (L.S.T.)
						cos	KOITION				-			
-												·····		
1	SPEED (KNTS)	. 3	4.6 7	- 10	11 - 16	17 . 21	22 . 27	28 . 33	34 . 40	41 - 47	48 - 55	>54	•4	MEAN

	16.8	26.1	17.8	11.9	3.2	• 5	.1	}	1			100.0	5.
CALM	\times	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			23.4	
VARBL	L	L				L,							
F-4W	• 3	• 5			<u> </u>			<u> </u>				. 9	4.
NW	1.2		• 2					ļ				1.4	3.
WHW	• 5	•2	• 1									• 9	3.
w	1.6	1.6	• 5	• 2	• 1							4 • 1	4.
WSW	• 6	1.1	. 9	• 8	• 2							3 • 5	7.
sw	• 9	1.0	1.8	2.3	• 9	• 3						7.1	10.
SSW	• 9	2.9	3.4	2.7	1.5	•1	•1					12.6	10.
5	1.7	3.5	3.8	2.8	•2	• '		!				12.2	8.
SSE	. 9	1.4	1.7	1.5	•1		<u> </u>	 	1			5.6	8.
SE	• 2	• 5	• 5	.1	•1							1.5	7.
ESE	• 6	•2						 				• 9	3.
Ε	1.3	1.6	• 3				l	 	1			3.2	4.
ENE	1.9	4.1	1.9	•1					l			8.1	5.
NE	1.7	2.5	•9	1.3								5.6	6.
NNE	2.3	3.5	1.5	•2	• 1		 	 	 			7.6	5.
Ni	• 9	1.4	•2						 	i ———		2.5	4.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA! WIND SPEEL

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114	FAIR	CHILD A					69-	78						EC
STATION		_	STATION	I HANE		ALL WE	ATHER			rears			_ A	LL S (L S.T.)
		-				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.7	1.2	. 4	•0								2.4	4.8
	NNE	1.6	2.5	1 0 2	• 3	. C							5.7	5.3
	NE	1.6	3.8	1.8	• 9	•1							8 • 3	6.3
	ENE	1.9	4.4	1.8	• 3	• 0					1		8 • 5	5.3
	E	1.5	1.7	• 4	• 0								3.6	4.2
	ESE	• 6	• 7	• 2	• 0								1.5	4.3
	SE	• 7	• 9	• 6	•2	• 0							2.4	6.0
	SSE	1.2	1.9	1.6	. 9	. 1	• 0						5.7	6.9
	S	2.2	3 • 6	3.0	1.4	• 3	.0		L				10.4	7.0
	ssw	1.5	2.7	3.3	2.8	1.0	• 1	• 0			L		11.5	9.2
	sw	1.0	1.9	2.1	3.0	1.1	.4			<u> </u>			9.5	10.7
	W5W	• 7	1.1	1.1	.9	• 3	•1		<u> </u>	<u> </u>	<u> </u>		4.1	8.6
	W	1.0	1.6	.8	.6	.1			<u> </u>				4.0	6.2
	WNW	• 4	• 5	• 3	•1	<u> </u>	L	<u> </u>		<u> </u>			1.2	5.0
	NW	• 4	• 3	•2	.0	<u> </u>				<u> </u>	<u> </u>		. 9	4.7
	NNW	• 3	•6	• 2		<u> </u>		ļ		L			1.1	4.9
	VARBL	L		L		<u></u>		L	<u> </u>	<u> </u>				
	CALM					1><							19.1	Į.

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETS

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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24114	FAIRCHILD	AFB	WA		69-79			ALL
STATION			STATION NAME			YEARS		NONTH
				ALL	WEATHER			ALL
					CLASS		-	HOURS (L.S.T.)
					CONDITION			

	18.9	29.3	22.6	10.0	1.5	.4	•1	•0				100.0	5.5
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	17.3	
VARSL									L				
NNW	• 3	• 5	•2	• 1	• 0							1.1	5.0
NW	• 3	• 4	• 2	• 1	• 0							1.0	5.2
WNW	• 5	•7	• 4	•1	• 0							1.6	5.5
w_	1.2	1.8	1.3	.7	•1	• 0						5.1	6.6
wsw	1.1	1.8	1.9	1.3	•2	• 1	• 0	•0				6.3	7.9
sw	1.4	2.7	3.9	2.7	•5	•1	•0	• 0				11.3	8.6
ssw	1.6	3.9	4.7	2.3	• 4	•1	•0	•0				13.0	7.
5	2.5	4.0	2.9	.8	•1	• 0				T		10.3	6.1
SSE	1.1	1.3	• 7	•2	•0	•0	<u> </u>	·	1	1		3.4	5.3
SE	• 9	•8	• 3	•1	•0						i	2.0	4.6
ESE	• 7	•6	• 2	• 0	•0							1.5	4
E	1.7	1.9	.6	.1	•0	•0			 			4.4	4.1
ENE	1.8	3.2	1.8	• 3	•0	•0			<u> </u>		 	7.1	5.5
NE	1.7	2.8	1.8	.6	•1	• 3	•0			 	<u> </u>	7.1	6.2
NNE	1.3	2.0	1.1	•5	-1	•0					 	5.1	6.1
N	.8	1.0	•5	•1	•8	•0			i	 	l	2.5	5.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 87629

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETI

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GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24114 FAIRCHILD AFB WA 69-79

STATION STATION HARE

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	•8	•3	•0					 			1.9	4.6
NNE	1.5	2.0	• 8	• 3	•1	• 0						4.8	5.6
NE	2.0	3.0	1.8	• 3	.1	•0						7.2	5.6
ENE	2.3	3.6	1.7	• 2	•0							7.8	5.0
E	2.1	2.1	• 5	.1						1	1	4.8	4.2
ESE	•6	• 7	• 3	.1	•0							1.7	4.9
SE	• 9	1.3	.6	• 2	• C			<u> </u>				2.7	5.3
SSE	1.2	1.4	1.1	.7	•1	• C			<u> </u>			4.5	6.5
5	2.7	4.3	3.7	1 4	. 2	•0						12.5	6.7
SSW	1.9	4.0	5.2	2.9	•5	•1	.1					14.6	8.3
sw	1.4	2.8	3.2	2.4	•6	•1		I		T		10.5	8.7
WSW	• 9	1.3	1.0	. 4	• 2	•0		•0				3.8	6.8
w	1.0	1.1	• 5	•2	•0	•0						2.8	5.4
WNW	• 4	• 3	•2	•0								• 9	4.3
NW	•2	•2	•1	•0				i				.6	4.7
NNW	• 2	• 2	_•1	•0								• 6	4.8
VARBL													
CALM		\geq	> <	\geq	$\geq <$	\geq	\geq	$\geq <$	\geq	\boxtimes		18.5	
	19.9	29.0	21.0	9.4	1.8	.4	.1	•0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 10116

123456789@123456789@123466789@123456769@123456769@123456789@123456789@123456789@123456789@123456789@123456789@1

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U S AIR FORCE SHYLROMENTAL TECHNICAL APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a <u>bivariate percentage frequency distribution</u> by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class so estling, versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- . By month all years and all hours combined
- 5. By month by standard 5-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of eccurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and dominated. Ceiling may be determined independently by reference to totals in the extreme right hand column. Also, Visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the etation was meeting or exceeding any given set of minim may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several emmples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Havy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "mo ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Mavy stations the "mo ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Reginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEHING			•				VIS	IBIĻITY (SI	ATUTE MI	LESI						
(PEET)	≥ 10	€.	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	21%	≥1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	.≥•
O CERING																
1													$\geq \sim$			
≥ 1600 ≥ 1500					91.0					,		•				92,6
≥ 1200 ≥ 1000													•			
≥ 900 ≥ 900 .																
≥ 700 ≥ 400																
≥ 500 ≥ 400				·	•					97.4						98.1
≥ 300					·µ ' · 4 ·					i Aji	ř	•				Ī .
≥ 100 ≥ 0				1	-	1 13	96.9			90.3	٠,٠				·	100.0

FINGER # 1 Read ceiling values independently of visibility under column at right headed \(\geq 0.\)
For instance, from the table: Ociling \(\geq \) 1500 feet = 92.6\$.

Odiling \(\geq \) 500 feet = 96.1\$.

EXAMPLE $\oint 2$ Read visibilities independently of emiliage on bottom line opposite ≥ 0 . From the tables visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%,

TO obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.05.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is:the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracking 97.4 from 100.0.

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.45. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

-DATA PROCESSING BRANCH LSAF ETAC AIT MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FAIPCHILD AFB WA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (133)

CEILING							VIS	BILITY (STA	ATUTE MILL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2?	≥2	≥1%	≥1%	≥1	≥ 14	≥ >,	≥%	≥5/16	≥ '•	≥0
NO CEILING ≥ 20000	28.8 30.0	29.4 30.5		29.7 30.9	30.1 31.4	30.2 31.5	30.5 31.8	30.6 31.9	30.6 31.9	30.8	30.9 32.3	30.9	31.3 32.7		32.3 33.7	32.7 34.1
≥ 18000 ≥ 16000	37.3 30.8	33.9	31.1 31.5	31.2 31.7	31.7	31.8 32.4	32.2 32.7	32.3 32.8	32.3 32.8	32.9	32.6	32.6	33.0 33.5	33.1	34.0 34.5	34.4
≥ 14000 ≥ 12000	32.3 34.2	32.9 34.8	33.2 35.2	33.3 35.3	34.0 35.9	34.1 36.0	34.4 36.3	34.5 36.5	34.5	34.6 36.7	34.9 37.0	34.9 37.0	35.4 37.4	35.5 37.5	36.3 38.4	36.8 38.8
≥ 10000 ≥ 9000	35.8 37.8	37.8 39.0	38.2 39.4	38.3 39.5	38.9 40.1	39.3 40.2	39.4 40.5	39.5 40.6	39.5 40.6	39.7 40.9	40.0 42.2	40.0 41.2		40.5 41.7	41.4 42.6	41.8 43.0
≥ 8000 ≥ 7000	40.3 43.4	41.5	41.9 45.2	42.0	42.7	42.8 46.0	43.2 46.5	43.3 46.6		43.5 46.8		43.9	44.3	44.4	45.3 48.5	45.7
≥ 6000 ≥ 5000	44.4	48.4	46.5 48.8		47.2	47.3	47.7 50.3	48.0 50.5	48.0 50.5	48.2 50.8	48.5 51.1	48.5 51.1	48.9 51.5	49.0 51.6	49.9 52.5	50.3 52.9
≥ 4500 ≥ 4000	48.2 49.8	50.0 51.7	50.4 52.2	50.6 52.4	51.5 53.2		52.0 53.8	52.3 54.0	52.3 54.0	52.5 54.2	52.8 54.5	52.8 54.5	53.2 54.9	53.3 55.1	54.2 55.9	54 • 6 56 • 3
≥ 3500 ≥ 3000	50.4 51.8	52.5 54.0	52.9 54.6	53.1 54.8	54 • Q 55 • 7	54 • 1 55 • 8	54.5 56.2	54.7 56.5	54.7 56.5	54.9 56.8	55.3 57.1	55.3 57.1	55.7 57.5	55.8 57.6	56.7 58.5	57.1 58.9
≥ 2500 ≥ 2000	53.1 54.2	56.0 57.2	56.8 58.1	57•1 58•3	58.0 59.1	58 • 1 59 • 2	58.5 59.8	58.7 60.1	58•7 60•2	59.0 60.5	59.4 60.9	59.4 60.9	59.8 61.3	59.9 61.4	60.8 62.3	61.2 62.7
≥ 1800 ≥ 1500	54.3 54.9	57.4 58.3	58.2 59.1	58.5 59.4	59.5 60.3	59.6 60.4	60.3 61.5	60.6 62.0	60.8 62.3	61.1 62.8	61.4 63.1	61.4	61.8 63.5	61.9 63.7	62.8 64.5	
≥ 1200 ≥ 1000	55.7 56.2	59.7 60.9	61.8	61.2	62.3 64.0	62.4 64.3	63.7 65.6	64.2 66.2	54 • 4 66 • 5	64.9 67.0		65.3 67.3	65.7	65.8 67.8	66.7 68.7	67.1 69.1
≥ 900 ≥ 800	57.0 58.2	62 . 3	63.3 64.7	65.8		66.1 67.5	67.4 68.8	68•2 69•6		69.0 70.5	78.9	79.9	69.8 71.3	69.9 71.4	70.8 72.3	71.2 72.7
≥ 700 ≥ 600	58.9 59.8	64.5 65.8		66.7	68.1	68.4 70.0	69.7	70.5		71.9 74.3	72.5 75.1	72.5 75.1	72.9 75.9	73.0 76.0	73.9 76.9	74.3 77.3
≥ 500 ≥ 400	60.2 63.5	67.2	67.4	68.8	73.4	70.8 72.0	72.5 73.8	74.3		77.0 78.4	79.6	77.8	78.7 83.4	78.8 80.5	80.0 81.7	80.5
≥ 300 ≥ 200	61.0	67.7	69.1	70.6 75.6	73.1 73.1	73.8 73.9	76.1 76.6	78.6 79.0	80.2 80.6		84.6	84.6		90.0		90.1
≥ 100 ≥ 0	61.0	67.7 67.7	69.1 69.1	70.6 70.6	73.1 73.1	73.9 73.9	76.6 76.6	79.0 79.0	80.6 80.6	83.7 83.7	86.6	86.7 86.7	89.2 89.2	98.5 98.5		100.0

Enter Contractor Secretaria de morto compania anticipata de marca de marca de marca de la compania de la compa

DATA PROCESSING BRANCH USAF ETAC AIP FEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20114

FAIRCHILD AFB WA

70-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISI	BILITY +STA	ATUTE MILI	ES)						
FEET.	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	≥1 7	21%	≥1	يڏ ≤	≥ 2-9	≥ '>	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	25 • Z 26 • S	25.5 27.4	25.5 27.4	25.6 27.5	25.9 27.8	25.9 27.8		25.9 28.0	26.7 28.1	26.1 28.2	26 • 2 28 • 5	26.2 28.5	26.7 28.9	26.7 28.9	27.3 29.7	27.6 30.1
≥ 18000 ≥ 16000	27.3 28.0	28.5 28.5	28.3	28.1 28.7	28.4 29.0	28.4 29.0	29.1	28.5 29.1	28.6 29.2	28.7 29.5	29.0 29.8	29.8 29.8	30.2	29.5 30.2	30.2 31.0	
≥ 14000 ≥ 12000	26.8 31.3	29.5 31.9	29.3	29.6 32.0	30.0 32.5	30.0 32.5		30.1 32.6	30.2 32.7	30.4 32.9	3C.8 33.2	30.8 33.2	31.2 33.7	31·2 33·7	31.9	34.8
≥ 10000 ≥ 9000	33.9 35.3	34.5 36.:	34.5	34.6 36.1	35.1 36.6	35.1 36.6		35.2 36.7	35.3 36.8			35.8 37.3		36.2 37.7	37.0 38.5	39.0
≥ 8000 ≥ 7000	38 • 1 40 • 5	39.0 41.5		39.1 41.6	39.6 42.0	39.6 42.0	42.2	39.7 42.2	39.8 42.3		40.3 42.8	40.3 42.8	40.8 43.2	40.8 43.2	41.5 44.0	42.8
≥ 6000 ≥ 5000	43.4 46.7	44.7	49.1 49.2	44.1	44.6 48.7	44.6 48.7	44.7 48.8 50.0	44.7 48.8 50.0	44.8 48.9 50.1	45.1 49.1 50.3	45.4 49.5 50.6	45.4 49.5 50.6	45.8 49.9 51.1	45.8 49.9 51.1	50.6 51.8	47.1 51.2 52.4
≥ 4500 ≥ 4000 ≥ 3500	49.5	51.5	51.6 52.0	51.8	52.4	52.4 52.8	52.5	52.5 52.9	52.6 53.0	52.8	53.1 53.5	53.5	53.5 54.0	53.5 54.0	54.3	54.8
≥ 3000 ≥ 2500	51.6	53.9	54.2	54.5	55.1 56.9	55.1	55.2 57.0	55.2	55.3 57.2		55.8 57.7	55.8	56.2 58.3	_ :	57.0 59.0	57.5 59.6
≥ 2000 ≥ 1800	53.7	56.5	57.9 57.2	57.3	58.1 58.5	58.1	58.4	58.6	58.8		59.4 59.9	59.4	59.9	59.9	60.6	61.2
≥ 1500 ≥ 1200	54.1	57.0	57.5 58.5	58.1	58.8	58.8	59.1	59.6 61.3	60.0		1	62.4		61.2	61.9	62.5
≥ 1000 ≥ 900	55.4 56.3	59.5 60.5	61.2	62.5	62.4	62.5 64.0	64.6	64.0 65.6	64.5	64.9	65.3 66.9	66.9	65.8	65.8	66.6	67.1 68.7
≥ 800 ≥ 700	56.5 56.6	61.3	62.5	63.4 63.9	64.8	64.9 65.5	65.6 65.1	67.6	67.5 68.3	68.9	68.3 69.7	68.3	68 • 8 70 • 2	68.8 73.2	69.6 71.0	70.1 71.5
≥ 600 ≥ 500	57.6 58.2	64.4	64.0	65.3	67.3 69.0	67.4		70.0 72.0	70.9	71.6	72.6 75.5	72.6	73.4 76.5	73.4 76.5	74.2	
≥ 400 ≥ 300	58.9	66.5	67.3	69.5	72.9	71.2 73.0	74.8	77.6	76.3		78.6 84.2	78.8 84.5	79.8 86.5	79.9 86.9	81.0	91.1
≥ 200 ≥ 100 ≥ 0	59.0 59.0	66.7	67.6		73.4	73.7	75.5	78.5	80.8	83.4	85.9 86.2	86.3	89.0 89.5	90.5		100.0
≥ 0	59.0	66.7	67.6	69.9	73.4	73.7	75.5	78.5	81.1	83.4	86.2	86.7	89.5	98.5	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS,

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDER

-DATA PROCESSING BRANCH USAF ETAC AIM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24 (14

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FAIRCHILD AFB #A

70-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (STA	TUTE MIL	ES:						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1%	≥1%	≥1	يڏ ≤	و،د ≤	≥ %	≥5-16	≥.	≥0
NO CEILING ≥ 20000	22.6 25.1	23.2 25.7	23.3 25.8	23.3 25.6	23.5 26.0	23.5 26.0	1	24.2 26.8	24.2 26.8	24.2 26.8	24.6 27.2	24.6 27.2	1	24.9 27.5	25•2 27•7	25.4 28.3
≥ 18000 ≥ 16000	25.9 26.0	25.6 26.7	25.7 25.5	26.7 26.8	26.9 27.0	26.9 27.3	27 • 1 27 • 2	27.6 27.7	27.6 27.7	27.6 27.7	28.1 28.2	28.1 28.2	28.4 28.5	28.4 28.5	28.6 28.7	
≥ 14000 ≥ 12000	27.0 29.2	27.6	27.7 30.0	27.7 30.9	28.0 30.2	28.0 30.2	28 • 2 30 • 4	28.7 31.0	28.7 31.5	26.7 31.5	29.2 31.5	29.2 31.5	29.7 31.9		29.9 32.2	30.1 32.4
≥ 10000 ≥ 9000	31.3 32.8	31.9 33.4	32•: 33•5		32.3 33.8		32.5 34.0	33.0 34.5	33.8 34.5		33.5 35.1	33.5 35.1	34.0 35.5		34.2 35.8	
≥ 8000 ≥ 7000	34.7 37.0	35.8 38.2	35.9 38.3	36.0 38.4	36 • 2 38 • 6	36.2 38.6	36.5 38.8	37.0 39.4	37.£	37.0 39.4	37.6 40.0	37.6 40.0	38.1 49.4	38.1 48.4	38.5 40.9	
≥ 6000 ≥ 5000	38.7 40.9	39.9 42.7		40.1	45.3 43.1	49.3 43.1	40.5 43.3	41.1 43.9	41.1 43.9	41.1 43.9	41-7 44-5	41.7 44.5	42.2 44.9	42.2	42.6 45.4	42.8
≥ 4500 ≥ 4000	41.6	44.2	47.2	44.4	44.6	44.6	44.8 47.8	45.4 48.5	45.4		46.0 49.1	46.0 49.1	49.6	46.5	46.9 50.0	50.2
≥ 3500 ≥ 3000	45.6 47.3	46.5 53.9	48.8 51.7	48.9 51.8	49.4 52.5				50.2 53.4		50.9 54.1	50.9 54.1	51.3 54.5	54.5	51.7 54.9	55.2
≥ 2500 ≥ 2000	45.6	52.7 53.4	53.9 54.7	54.B	54.6 55.6			55.8 56.8	55.8 56.8		56.6 57.6	56.6 57.6	57.0 58.1	58.1	57.4 58.5	
≥ 1800 ≥ 1500	49.5	53.5 53.9		55.1 55.5	55.9 56.3	55.9 56.3	56 • 3 56 • 9	57.1 57.6	57.1 57.6		58.7	58.0 58.7	58.4 59.1	58.4 59.1	58.8 59.6	59.0 59.8
≥ 1200 ≥ 1000	50.5 51.1	55•2 56•3	57.3	56.9 58.3	57.8 59.4	58.2 59.7	58.7 60.5	59.5 61.7	59.6 61.8	62.5	60.8 63.3	63.3	61.2 63.8	61.2 63.8	61.6 64.2	64.4
≥ 900 ≥ 800	51.6 52.0	57.0 57.8		59.5 60.1	61.4	60.5 61.8		62.6 64.1	62.7		64.3 66.0	64.3			65.2 66.5	67.1
≥ 700 ≥ 600	52.6 52.9	58.8 59.6		61.2	62.7	64.2		65.4	65.6 67.5	68.8	67.5 69.8	67.5	70.4	70.4	68.4 70.9	
≥ 500 ≥ 400	53.7 54.0	62.2		65.3	65.8	55.3 68.8			70.8 74.1	76.6	1	74.1 78.4	74.9 80.3	80.3	75.5 81.4	82.0
≥ 300	54 • 1 54 • 1	52.7 62.7		66.2		70.4	72.3 73.0		77.4 78.7	83.1	83.7 85.7	83.8 86.0		90.6		97.6
≥ 0 ≥ 100	54.1 54.1	62.7 52.7	65.1 65.1	66.2	70.0		73.5 73.5	76.5 76.5	78•7 78•7		85.7	86.0			94.8 94.8	99.9 LGG.D

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC TOTAL 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM AND COMOLE

DATA PROCESSING BRANCH USAF ETAC LIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

.

FAIRCHILD AFB WA

73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3930-1180

CEILING							VIS	BILITY IST	ATUTE MIL	ES:						
·FEET	≥10	≥6	≥5	≥4	≥3	≥2 າ	≥2	≥172	≥1′•	≥1	≥ 2₄	≥ 3⁄9	≥ '>	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	22.3 25.4			23.3 26.8	23.9	23.9	24.2	24.6 28.2	24.7 28.3	25•2 28•7	25.5 29.0	25.5 29.0	25.7 29.2	25.7 29.4	25.9 29.6	26.3 30.0
≥ 18000 ≥ 16000	26.3	26.8	$\overline{}$	27.5	28.2	28.2 28.5	28.5	28.9	29.0 29.4	29.7	30.0			3G.3		31.0
≥ 14000 ≥ 12000	27.1	27.8	28.3		29.2	29.2	29.7	30.1	30.2 32.9	30.9	31.2	31.2 33.9	31.4	31 • 5 34 • 2		32.5
≥ 10000 ≥ 9000	31.8	32.8 33.7		33.7 34.6	34.6	34.6 35.6	35.1	35.5 36.5	35.6 36.6	36.2	35.6 37.5	36.6	36.9	37.0 38.0	37.3	38.0
≥ 8000 ≥ 7000	34.2 36.0	35.3	36.2	36.7 38.6	37.6	37.6	38.1 40.1	38.5	38.6 40.8	39.4	39.7	39.7 41.8	45.0	48.1 42.3	48.4	41.1
≥ 6000 ≥ 5000	39.7	38.3	39.4 42.3	39.8	41.0 44.0	41.0	41.4	41.9	42.0 45.1	42.8 45.8	43.1 46.1	43.1 46.1	43.4	43.5 46.6	43.9 47.0	44.5
≥ 4500 ≥ 4000	40.0	41.6			44.6	44.6	45.1	45.6	45.7	46.5	46.8	46.8	47.1 50.2	47.2 50.3		48.3 51.4
≥ 3500 ≥ 3000	42.5	44.9	46.6		48.6 52.2	48.6	49.0	49.7 53.3	49.8	50.5 54.2	50.9 54.5		51.2 54.8	51.3 54.9		52.4
≥ 2500 ≥ 2000	45.6	48.9 50.1	51.2 52.5		54.5	54.6	55.1	55.7	55.8	56.6 58.5	56.9	56.9	57.2 59.2	57.3 59.4	57.7	58.4
≥ 1800 ≥ 1500	46.7	50.9	52.5 53.2	53.4	56.5	56.6	57.2		58.1 59.4	58.8 69.1	59.2 60.6		59.5	59.7 61.1	60.1 61.5	60.8 62.2
≥ 1200 ≥ 1000	47.8 48.2		54.9 56.0		59.8 61.4			61.5 63.7	62.2 64.4			63.4 66.3	63.8 66.7	63.9 66.8	64.3 67.2	64.9 67.8
≥ 900 ≥ 800	48.5 49.0	53.7 54.4	56.8 57.7	58.9	62.5 63.5	62.6				67.0 68.7			68 • D 69 • 8	68.1 70.0	68.5 70.4	69.1 71.1
≥ 700 ≥ 600	49.4 50.3	55.2 56.3	58.6 60.1			65.1	56.7 68.9	68.G 70.3			71.4 74.2		71.8 74.7	72.2 75.1	72.5 75.5	73.2 76.1
≥ 500 ≥ 400	51.1 51.5		62•3 63•3		70.1 71.5	70.4 71.9	72.5 74.8		75.2 78.1		79.1 83.5		80.1 85.2	80.4 95.7	81.0 87.0	
≥ 300 ≥ 200	51.5 51.5		63.8 63.8	65.4	72.5 72.5	72.9 72.9	76.1 76.3	78.5 79.1			87.3 88.6			90.5 92.4	95.9	
≥ 100 ≥ 0	51.5 51.5			65.4	72.5 72.5		76.3 76.3		81.0 81.9		88.7 88.7		1 7 7 7 7	92.6 92.6		100.0

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC 108M 0-14-5 (OL A) MEYIOUS BOTTONS OF THIS FORM AND CHRONET

-BATA PROCESSING BRANCH USAF ETAC AIR XEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24 114

FAIRCHILD AFS HA

79-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY (ST	ATUTE MILI	ES.						
·FEET·	≥10	≥6	≥5	≥4	≥3	≥2⊃	≥2	≥177	≥۱۱۵	≥1	≥ ધ્	ود≤	בי ≤	≥5 16	≥ .	≥0
NG CEILING ≥ 2000G	24.7 26.9	24.5 28.1	24.8 28.3		1						25.3 29.7	25.8 29.7		26.0 30.1		26 • 1 33 • 2
≥ 18000 ≥ 16000	28 • 1 28 • 4	29.4					30.8 31.1	30.8 31.1	30.8 31.1	31.0 31.3	31.1 31.4	31.1 31.4	31.4 31.7	31.5 31.8		31.6 31.9
≥ 14000 ≥ 12000	29•8 33•3	31.2 34.7	31.5 35.1	31.7 35.3	32.4 35.9		32.5 36.1	32.6 36.1	32.6 36.1	32.8 36.3			33.2 36.8		33.4 37.9	33.4 37.0
≥ 10000 ≥ 9000	36.8 38.1	38.4 39.9	38.9 40.4	39.4 40.9	40.1	40.2 41.7	46.3 41.8	40.3 41.8	1		40.6 42.2		41.0 42.5		41.2 42.7	41.2 42.7
≥ 8000 ≥ 7000	39.7 42.4	41.8 45.1	42.4	43.1 46.7	43.9 47.4		44.1 47.6	44.1 47.6	44.1 47.6	44.3 47.8			44.7	44.8	44.9 48.5	44.9 48.5
≥ 6000 ≥ 5000	44.4 46.[47.4	48.3 49.9	49.8 50.6	49.8 51.4	49.9 51.5	50.1 51.7	50.1 51.7		50.3 51.9	50.4 52.0		50.8 52.4		51.0 52.6	51.0 52.6
≥ 4500 ≥ 4000	46.2 48.1	49.5 51.5	53.3 52.7	51.2 53.5	51.9 54.4	52.0 54.5	52.3 54.7				52.6 55.1					53•1 55•6
≥ 3500 ≥ 3000	49.5	52.9 53.7	54.0 54.9	55•1 56•0	56.3 57.7	56 • 6 58 • 1	56 • 8 58 • 4						57.5 59.2			57•7 59•5
≥ 2500 ≥ 2000	50.4 51.1	55•2 56•2	56.9 58.1	58 • 1 59 • 6	59.9 62.0	60.2 62.4		60.6 63.2	7 - 7		61.1 63.7	61.1 63.7	61.4 64.0		61.6 64.2	1
≥ 1800 ≥ 1500	51.4 51.3	56.6 57.2	[60.2 60.9	62.7 63.5	63.0 63.9	63.5 64.5	63.9 65.1	64 • 0 65 • 4	64.3 66.1	64.4 66.2	64.4 66.2	64.7 66.6	64.8 66.7		1
≥ 1200 ≥ 1000	53.4 54.3	59.2 63.4		63.0 64.9	66•2 68•3						_	69.G 71.7				1
≥ 900 ≥ 800	54.6 55.3	61.8	63.8 64.4	1	69.6 70.4	70.8	71.8	72.8	73.1	74.4	74.6					1 1
≥ 700 ≥ 600	55.7 56.3	62.5 63.7	65.3 66.7	67.5 69.4	72.5 74.5	74.9	76.2	77.5	78.4	80.0	89.4	80.5	78.1 81.0	81.1	81.2	1
≥ 500 ≥ 400	56.5 57.0	64.6	63.5	78.5 71.7	76.9 78.8		81.3	83.4	85.2	87.7	88.8	88.9	95.1	95.3	90.9	90.9
≥ 300 ≥ 200	57.0 57.0	64.7	68.7 68.7	72.0 72.0	79.7 79.7		82.6	85.4	87.2	98.5	92.7	92.8	95.2	96.1	95.9 98.3	98.9
≥ 100 ≥ 0	57.5 57.5	64.7 64.7	68.7 68.7	72.0 72.0	79.7 79.7					90.5 90.5		92.8 92.8			3	100-0

USAF ETAC AT 40 0-14-5 (OL A) MEMOUS BOT

CATA PROCESSING BRANCH USAF STAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72 74

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FAIRCHILD AFB WA

73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY ST	ATUTE MILI	E\$						
feet	≥10	≥6	≥5	≥4	≥3	≥2 つ	≥2	خا≦	≥1'•	≥1	ية ج	≥ >9	≥ ~	≥5 16	≥ •	≥0
NO CEILING	24.7	25.7			-				27.3	-						27.7
≥ 20000	33.1	3:.1				33.2										33.8
≥ 18000	37.9	31.9	32.8				34.1	_	34.2			34.3				,
≥ 16000	31.1	32.2				34.3						34.5			34.6	
≥ 14000	32.3	33.4	1 i	34.9		35.6)]	35.8			35.9	
≥ 12000	35.7		37.7					_				39.5				
≥ 10000	39.8		1	_		43-8					i !	44.5				
≥ 9000	#C.9	42.4	43.2							45.5	45.6	45.6	45.6	45.6	45.8	46.0
≥ 8000	43.9	45.9	46.5	47.7	48.5	48.5	48.6	48.9	49.3	49.1	49.2	49.2	49.2	49.2	49.5	49.7
≥ 7000	46.5	45.7	49.7	50 · 6	51.5	51.5					52.3	52.3	52.3	52.3	52.5	52.9
≥ 6000	47.8	50.3	,,						53.7			53.9			54.1	54.5
≥ 5000	51	53.4	54.3	55.4	55.2	56.2	56.3	56.7	56.8	56.9	57.0	57.0	57.3	57.0	57.2	57.6
≥ 4500	51.9	54.5	55.6	56.6	57.5	57.5	57.5	58.1	58.2	58.3	58.4	58.4	52.4	58.4	58.6	59.0
≥ 4000	53.9	57.0	58.3	59.5	60.4	გმ•5	60.6	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.6	62.3
≥ 3500	54.5	57.6	59.1	63.3	61.4	61.5	61.5	62.0	62.2	52.3	52.4	62.4	62.4	62.4	62.6	63.C
≥ 3000	55.4	58.7	50.3	61.6	62.7	62.9	63.0	63.4	63.5	63.7	63.8	63.8	63.8	63.8	64.D	64.4
≥ 2500	56.5	59.9	51.5	62.8	64.1	64.3	64.4	64.8	64.9	65.1	65.2	65.2	65.2	65.2	65.4	65.8
≥ 2000	57.7	61.3	63.2	64.6	66.2	66.6	65.7	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.6	68.1
≥ 1800	57.7	51.4	63.3	64.7	66.6	66.9	57.0	67.4	67.5	67.6	67.7	67.7	67.7	67.7	68.0	58.4
≥ 1500	58.5	62.9	64.9	56.5	68.6	69.0	69.2	59.7	69.9	76.2	78.4	73.4	70.4	70.4	70.6	71.1
≥ 1200	59.4	54.5	66.6	63.2	70.9	71.4	71.7	72.4	72.6	73.0	73.2	73.2	73.2	73.2	73.4	75.9
≥ 1000	59.8	65.3	67.7	69.5	73.0	73.5	73.9	74.5	74.8	75.6		76.S	76.0	76.0	76.2	76.7
≥ 900	60.1	65.9	68.5	73.4	74.4	74.9						77.5		77.5	77.7	78.2
≥ 800	50.4	66.7	69.5	71.5	75.9	76.6	77.2	76.5	78.3	79.5	79.9	79.9	80.0	80.0	80.2	80.6
≥ 700	62.5	57.2	73.8	72.8	77.6	78.4	79.5	80.3	80.8	31.9	82.4	82.4	82.5	82.5	82.7	83.1
≥ 600	60.5	67.6	71.5	73.7	78.5	79.4	80.5	31.6	82.0	63.3	84.0	84.0	84.1	84.1	84.3	84.7
≥ 500	50.6	67.7	71.9	74.1	80.1	80.9	82.Z	83.7	84,3	85.8	86.7	86.7		86.9	87.3	27.7
≥ 400	61.0	58.1	72.2	74.8	81.3	82.0			85.7	87.8		89.5	89.7	89.8	90.2	90.6
≥ 200	61.0	68.2	72.3	75.3	81.9			86.3				93.2		94.2	94.8	
≥ 200	51.0	58.3	72.4	75.4	82.3	83.1	84.8	86.9	87.8					96.0	97.6	98.8
≥ 100	51.0	58.4	72.5	75.5	82.4	83.2		87.0				94.5		96.5		100.0
≥ 0	51.0	68.4	72.5	75.5	62.4	63.2						94.5				00.0

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 1584 0-14-5 (OL A) revious remois or his rose are output

GATA PROCESSING BRANCH USAF STAC ADE MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FAIRCHILD AFB WA

72-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1830-2000

CEILING							ViS	BILITY STA	NUTE MUL	ES						
-#EET	≥10	≥6	≥5	≥4	≥3	≥2-:	≥2	217	≥1%	≥1	ية ≤	≥ 3-9	≥ ≒	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	28.3 30.5	26•3 31•5	29.1 31.8	29.€ 32.6	30.1 33.1	30.3 33.3	30.3 33.3			31.5 33.5				31.1 34.1	31.4 34.4	31.4
≥ 18000 ≥ 16000	31.8 32.2	32.9 33.2	33.2 33.5	34.3 34.3	34.5 34.8	34.7 35.1	34.7 35.1	34.7 35.1	34.8 35.2		;		35.5 35.8		35.8 36.1	35.8 36.1
≥ 14000 ≥ 12000	35.9 36.1	35•3 37•7	35.6 38.1	36.3 38.8	36.9 39.6	37.1 39.8	37.1 39.3		37.2 39.9		37.6 40.3	37.7 40.4	38.1 40.8		38.4 41.1	38.4 41.1
≥ 10000 ≥ 9000	39.2 40.2	41.0 42.0	41.3	42.2 43.2	42.5	43.1 44.2	43.1 44.2	*3.1 44.2	43.2			43.8		44.1 45.2	44.4	44.4
≥ 8000 ≥ 7000	44.1 47.5	45.1	59.1	47.4 51.0	51.7		52.5	52.5	52.2	52.3	52.7	49.1 52.8	49.5 53.1		53.4	
≥ 6000 ≥ 5000	48.7 52.2	51.1 54.5	51.5 55.1	52.4 55.9		53.3 56.9	57.C	57.0	53.5 57.1	57.2	57.6	54.2 57.7	58.1	58.1	54.8 58.4	
≥ 4500 ≥ 4000	52.9 54.6	55.4 57.4	55.9 58.2	56.8 59.0	57.5 59.8	57.7 60.0	57.8 60.1	50.1	60.2	65.3		58.6 60.9	61.2	51.2	61.5	
≥ 3500 ≥ 3000	55.3 55.6	58.9 50.1	59.7 69.9	60.5 61.7	61.3		61.6	63.0	61.7 63.1	61.8 53.2	62.3 63.7	63.8	62.7 54.1	64.1	63.8 64.4	64.6
≥ 2500 ≥ 2000	57.5	62.5	62.1 63.3	63.0 64.3	53.9 65.4	64.2 55.7	64.3 65.8			64.5 66.0	66.5	65.6	65.4	65.4		55.9 57.4
≥ 1800 ≥ 1500	58.5 59.2	62.5 63.3	53.4 64.4	65.4	65.5 66.5	65.8 56.8	55.9 67.0	65.9 67.0	67.1	66.1 67.2				67.5 68.1	68.4	67.5
≥ 1200 ≥ 1000	61.2	66.2	67.6	67.1 68.6	69.5	58.7 7G.3	70.5				69.7 71.5		71.9	70.1 71.9		
≥ 900 ≥ 800	61.7 62.2	67.3 68.3	70.2		73.4	72.2	72.8 74.6	74.8		73.2 75.3	75.1	73.9 76.2			76.9	77.1
≥ 700 ≥ 600	52.2 63.1	58.7 70.2	73.5 72.5 73.0		74.3 76.6		75.6 78.2	78.5		76.5 79.5	80.3				81.1	78.3 81.3
≥ 500 ≥ 400	63.3 63.3	70.6 70.9	73.3	74.8	78.7 78.7	78.5 79.2	79.7 80.6 82.2		23.3	85-6	86.9	87.1	87.5	87.5	88.0	
≥ 300	53•1 63•1	71.5	74.1	76.1		80.3 82.3	82.6			95.3	92.4	92.7	93.7	94.5	97.6	
≥ 100 ≥ 0	53-1	71.5	74-1	76.1 76.1	80.1				36.2 36.2				:	94.5 94.5		100.0

DATA PROCESSING BRANCH USAF ETAC ATR FFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

_6 (14

FAIRCHILD AFB WA

70-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY (STA	ATUTE MILE	(S)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2 7	≥2	≥1%	≥1'4	≥ı	≥ ¾	≥ >,	≥ '5	≥5 16	≥ '•	≥0
NO CEILING ≥ 20000	27.6 28.7	28.1	28.3 29.5	28.4	28.7	28 · 8 33 · 0	29.1	29.2 30.4	29.2 30.4	29.5 30.6	30.0 31.2	30.0 31.2	30.5 31.8	30.6 31.8	31.3 32.5	31.6
≥ 18000 ≥ 16000	28.9 28.9	29.4 29.4	29.7 29.7	29.8 29.8	3 : . 1 30 - 1	33.2 30.2	30.5 30.5	30.6	30.6 30.6	30.9 30.9	31.4 31.4	31.4 31.4	32.0 32.0	32.0 32.0	32.7 32.7	33.0 33.0
≥ 14000 ≥ 12000	31.7 33.9	32.2 34.3	32.5 34.6	32.6 34.7	32.9 35.1	33.C 35.2	33.4 35.6	33.5 35.7	33.5 35.7	33.8 35.9	34.4 36.6	34.4 36.6	35.2 37.4	35.2 37.4	35.8 38.1	36 - 1 38 - 4
≥ 10000 ≥ 9000	36.7 38.5	37.3 39.1	37.7 39.6	37.8 39.7	38.2 40.0	38.3	38.7 40.5	38.8 40.5	38.8 40.6	39.0 46.9	39.7 41.5	39.7 41.5	43.5 42.4	40.5 42.4	41.2 43.0	41.5 43.3
≥ 8000 ≥ 7000	41.8 45.2	42.5 46.2	42.9 46.7	43.C	43.3	43.4 47.2	43.9 47.6	44.0 47.7	44.5 47.7	44.2 48.0	44.8 48.6	44.8 48.6	45.7 49.5	45.7 49.5	46.3 50.1	46.7 50.4
≥ 6000 ≥ 5000	46.7 49.6	48.0 51.7	48.4 51.4	48.5 51.5	48.3 51.8	46.9 51.9	49.4 52.4	49.5 52.5	49.5 52.5	49.7 52.7	50.3 53.3	50.3 53.3	51.2 54.2	51.2 54.2	51.8 54.8	52.2 55.2
≥ 4500 ≥ 4000	51,1 52.9	52.7 54.8	53.1 55.5	53.2 55.6	53.5 55.9	53.7 56.0	54.1 56.5	54.2 56.6	54.2 56.6	54.4 56.8	55.1 57.4	55.1 57.4	55.9 58.3	55.9 58.3	56.6 58.9	56.9 59.2
≥ 3500 ≥ 3000	53.9 55.1	56.0 57.5	56.7 58.4	56.8 58.5	57.1 58.8	57.2 58.9	57.6 59.4		57.7 59.5	58.0 59.7	58.6 60.3	58.6 60.3	59.5 61.2	•	60.1 61.8	60.4 62.2
≥ 2500 ≥ 2000	56.3 56.7	58.9 59.4	59.8 60.3	59.9 60.4	60.3 60.9	50.4 61.0	60.9 61.4	61.0 61.5	61.0 61.5	61.7	61.8 62.4	61.8 62.4	62.7 63.2	62.7 63.2	63.3 63.9	63.7 64.2
≥ 1800 ≥ 1500	57.0 57.6	59.7 60.4	60.5 61.5	50.8 61.6	61.2 62.0	61.3 62.2	61.7 62.9	61.8 63.1	61.8 63.1	63.5	4	62.7 64.2	63.5 65.1	63.5 65.1	64.2 65.7	64 • 5 66 • Ü
≥ 120 ≥ 1000	58.8 39.7	62.8	63.4 65.3	63.5 65.6	64.1 66.1	64.2 66.2	67.J	65.2 67.2	65.2 67.3	65.6		66.2 68.5	67.1 69.4	67.1 69.4	67.7 70.0	68 • 1 70 • 3
≥ 900 ≥ 800	59.9 65.5	64.1 65.3	65.9 67.4	66.2 67.8	66.9 68.5		68.1 69.8		68.7 70.4	69.1 71.0		69.9 71.7	70.8 72.6	70.8 72.6	71.4 73.2	
≥ 700 ≥ 600	61.5 62.7	66.7	68.8 70.3	71.0	70.3	70.5 72.6	71.8 74.0	74.4	72.5 74.7	73.3 75.6	76.5	76.5	74.7 77.4	74.7 77.4	75.4 73.1	78.4
≥ 500 ≥ 400	62 • 8 52 • 9	68.6 68.9	71.6		, 2	75.7	76.2	77.1 78.9	77.6 79.5	79.1 81.3	63.1	80.3		81.4 84.5	82.2 85.3	P5 7
≥ 300 ≥ 200	63.1 63.1	69.9 69.9			71.6	78.1			82.6 83.1	84.7 85.8		87.8 89.6			92.3 96.8	78.5
≥ 100 ≥ 0	63.1 63.1	69.9		74.6 74.6	77.6 77.6		79 • 8 79 • 8			85.8 85.8			92.6 92.6	93.2 93.2		100.0

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC TUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Commence of the state of the st

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SEPVICE/MAC

CEILING VERSUS VISIBILITY

04114

FAIRCHILD AFB WA

73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILST

CEILING							VISI	BILITY (STA	TUTE MILE	S)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2⅓	≥2	21/2	≥11/4	≥1	≥ ¾	≥ ¾	≥ 15	≥ 5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	25.4 27.9	26.0 28.7	26.3	26.5 29.3	26.9 29.8	26.9 29.8	27.1 30.0	27.2 30.2	27.3 32.2	27.4 30.3	27.7 30.6	27.7 30.7	28.3 31.0	28.9 31.8	28.4 31.4	28.5
≥ 18000 ≥ 16000	28 • 7 29 • 3	29.5	29.8 30.1	30.1 30.4	30.6 30.9	30.6	30.8 31.1	31.G 31.3	31.C 31.3	31.2 31.5	31.5 31.8	31.5 31.8	31.8 32.1	31.8	32.2 32.6	32.5 32.8
≥ 14000 ≥ 12000	37.3 32.9	31.2 33.8	31.6	31.9 34.5	32.4 35.0	32.4 35.1	32.6 35.3	32.8 35.5	32.8 35.5	33.0 35.7	33.4 36.0	33.4 36.1	33.7 36.4	33.8 36.5	34-2 36.9	34.5 37.2
≥ 10000 ≥ 9000	35 • 8 37 • U	36.9 38.2	37.3 38.6	37.6 39.0	38.2 39.6	38.3 39.6	38.5 39.8	38.7 40.0	38.8 43.1	39.0 40.3	39.3 40.6	39.5 48.6	39.7 41.0	39.7 41.1	40.2 41.5	40.5 41.8
≥ 8000 ≥ 7000	39.6 42.3	41.0 43.9	41.5	41.9	42.5 45.5	42.6 45.6	42.8 45.8	43.0 46.0	43.1 46.1	43.3 46.3	43.6 46.7	43.6 46.7	44.0 47.1	44.1 47.1	44.5 47.6	44.8
> 6000 ≥ 5000	43.8 46.5	45.6 48.5	46.2 49.1	46.6	47.2 50.2	47.3 50.3	47.6 50.5	47.8 50.8	47.8 50.8	48.1 51.0	48.4 51.4	48.4 51.4	48.8 51.8	48.9 51.8	49.3 52.3	49.7 52.7
≥ 4500 ≥ 4000	47.4	49.7 52.0	50.2 52.7	50.7 53.2	51.4 53.9	51.5 54.0	51 • 7 54 • 3	51.9 54.5	52.0 54.6	52.2 54.8	52.6 55.2	52.6 55.2	53.0 55.6		53.5 56.1	53.9 56.4
≥ 3500 ≥ 3000	51.5	52.9 54.5	53.7 55.5	54.3 56.1	55.1 57.2	55.2 57.3			55.8 57.9	56.0 58.2	56.4 58.5	56.4 58.5	56 • 8 58 • 9			
≥ 2500 ≥ 2000	52.6 53.5	56.0 57.1	57.3 58.4	57.9 59.1	59.0 60.5		59.5 61.0	61.3		60.1	60.4 62.1	62.1	60.9 62.5	62.5	61.4 63.0	
≥ 1800 ≥ 1500	53.6 54.1	57.3 58.0	58.6 59.4	59.4 60.2	60.8	61.9	62.4		61.8	62.1 63.5				64.4	63.4	
≥ 1200 ≥ 1000	55 • 1 55 • 7	59.5 60.7	62.4	61.9	63.7 65.5		66.6	67.3		68.2	68.7	68.8		69.2	67.2 69.7	73.0
≥ 900 ≥ 800	56.2 56.8	61.5	63.3	64.6 65.7	66.9			70.3			72.1	72.2	72.6	72.6		73.4
≥ 700 ≥ 600	57.2 57.9	63.2 64.3	66.6		69.5		70.9	74.0	74.6	75.8	76.6	76.6	77.2	77.3	75.0 77.8	78.1
≥ 500 ≥ 400	58.3 58.6	65.8	68.5	69.3 70.4	74.6		75.0 76.8	78.7	7.9 . 9	82.5	83.5		≤84.7	84.8	85.7	86.2
≥ 300 ≥ 200	58.7 58.7	66.3	69.1 69.2		76.1	76.5 76.7	78.5 78.9	81.5	83.2	86.6	89.4	88.1	92.0	92.9	92.1 95.9	98.2
≥ 100 ≥ 0	58.7 58.7	66.3 66.3	69.2 69.2	71.3	76.1 76.1		78.9 78.9				89.5 89.5					100.0

TOTAL NUMBER OF OBSERVATIONS

7440

USAF ETAC HIL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CATA PROCESSING BRANCH JSAF ETAC ATR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22:14

FAIRCHILD AFB WA

70-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (STA	ATUTE MILE	ES)						
(FEET)	≥10	≥ه	≥5	≥4	≥3	≥2'2	≥ 2	≥1%	≥1'4	≥1	≥ 1/4	≥,•	≥ ⁄2	≥ 5 16	≥	≥0
NO CEILING ≥ 20000	36.1 37.8	36.3 38.2	36.5 38.5	36.6 38.5	- 1	37·4 39·2	37.5 39.4	37.5 39.4	37.6 39.5	38.2 40.1	38.3 40.2	38.3 40.2	38.7 48.5	38.7 40.5	38.8 40.7	38.9 40.8
≥ 18000 ≥ 16000	38.1 38.3	38.4 38.7	38.8 39.[38 • 8 39 • G		39.5 39.7	39.6 39.8	39.6 39.8	39.7 40.0	40.3 40.5	40.4	40.4 40.7	40.8 41.0	40.8 41.0	40.9 41.1	41.C 41.3
≥ 14000 ≥ 12000	39.6 42.8	40.1 43.3	40.4 43.6	40.4 43.6	41.1	41.1	41.3	41.3	41.4	42.0 45.3	42.1 45.4	42.1 45.4	42.4 45.9	42.4	42.6 46.0	42.7 46.2
≥ 10000 ≥ 9000	45.3	45.7	46.1 47.8			46.8 48.5			47.2 48.8		47.9		48.5 50.1	48.5 50.1	48.7 50.4	
≥ 8000 ≥ 7000	49.6 53.4		54.6		55.4			55.7	51.9 55.8		56.5					57.7
≥ 6000 ≥ 5000	56.0 59.0	56.9 60.0		57.2 60.4	61.2	61.6	61.7	58.3	58.4	59.0 62.5	62.6	59.1 62.6		59.3 63.4	63.6	63.8
≥ 4500 ≥ 4000	59.9	62.4	62.9	61.3	63.7	62.5	62.6	64.3	64.4	63.5 65.0		63.6		65.8	66.1	64.8
≥ 3500 ≥ 3000	64.2	65.5	66.0	64.8	67.3			67.8	68.7	68.6	67.0 58.7	67.0 68.7	69.4	67.7	69.6	68.2
≥ 2500 ≥ 2000	65.2	67.3	68.4	68.6	69.9	69.1 70.2	69.4 70.4 70.9	70.6	70.7	70.2	70.3	70.3	72.1	72.1	72.3	71.5
≥ 1800 ≥ 1500	67.3 67.5	69.1	69.9		71.5	70.7 72.0 72.3		71.0 72.3	71.2 72.5 72.9	71.7 73.5 73.6	71.9 73.2 73.8	71.9 73.2 73.8	72.6 73.9 74.6	72.6 73.9 74.6	72.8 74.1 74.8	73.0 74.3 75.1
≥ 1200 ≥ 1000 ≥ 900	68.7	70.2	70.9 71.7	71.0	73.4	73.9	74.3 75.3	74.6	74.7 75.7	75.4 76.4	75.5 76.5	75.5 76.5	76.4 77.3	76.4	76.6 77.5	77.9
≥ 900 ≥ 800 ≥ 700	69.5	71.6	72.3	72.6 72.9	75.3	75.8 76.2	76.4 76.8	76.6		77.5 78.3		77.7	78.5	78.5 79.2		79.1
≥ 500	69.5	72.5	73.4	73.9	77.0		78.1	78.7 81.0	79.0 81.2	79.7	79.8	79.8	80.6	80.6	80.9	81.2
≥ 400 ≥ 300	70.0	74.2	75.3 76.6	75.8	89.1	81.2	82.3	83.2	83.5	84.9	85.1 90.8	85.3	86.2	86.3	1	87.2
≥ 200	70.2	75.5	76.8	77.4	82.7	83.9		87.9	88.9	91.1	92.2	92.7	94.8	95.3	98.0	1
≥ 100 ≥ 0	70.2		1						38.9	91.3			94.9			100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS ENTITIONS OF THIS FORM ARE DISCUSTE

-DATA PROCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FATRCHILD AFB 13

7 1-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY (ST	ATUTE MILL	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2.2	≥2	≥1%	≥14	≥1	≥ ¾	و√ ≤	≥ '>	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	7.2 • 4 33 • 7	32·4 33·7	32.4 33.7	32.5 33.8	33.2 34.5	33.5 34.8	33.8 35.1	34.2 35.5	34.2 35.5	34.3 35.7	34.4 35.8	34.4 35.8	34.8 35.3	35.0 36.5	35.1 36.6	35.6 37.1
≥ 18000 ≥ 16000	34 • 5 34 • 5	34.5 34.5	34.5 34.6	34.2 34.8		35.1 35.8	35.5 36.2	35.9 36.6	35.9 36.6	36.2 36.9	36.3 37.0	36.3 37.0	36 • 8 37 • 5	37.0 37.7	37.1 37.8	37.6 38.3
≥ 14000 ≥ 12000	35 • 0 37 • 5	35. 37.5		35.2 37.7	35.9 38.4	36.3 38.8	36.6 39.1	37 • 1 39 • 7	37.1 39.8	37.4 46.1	37.5 40.2	37.5 46.2	37.9 49.7	38.2 40.9	38.3 41.0	38.8 41.5
≥ 10000 ≥ 9000	47.5 40.5	40.5		40.2	40.9 41.6	41.4	41.7		42.7 43.4	42.9 43.6	43.0 43.7	43.0 43.9	43.6	43.9 44.7	44.1 45.3	
≥ 8000 ≥ 7000	43.1	43.1	43.4	43.5	44.2	44.7	45.C 49.3		46.0 50.2	46.2 50.5		46.5 50.7	47.0 51.3	47.3 51.5	47.6 51.9	
≥ 6000 ≥ 5000	49.6 52.4	50.0 53.t	50.2 53.2	50.5 53.4	51.2 54.1	51.9 54.8	52.2 55.2	53.1 56.D	53.2 56.1	53.5 56.5	53.7 56.6	53.8 56.7	54.4 57.3	54.5 57.6	55.0 57.9	58.4
≥ 4500 ≥ 4000	53.4	54.1 55.7	54.3 55.9	54.5 56.1	55.2 56.9			57.1 58.7	57.2 58.9	57.6 59.2	57.7 59.3				59.D 60.6	61.1
≥ 3500 ≥ 3000	55.6 57.9	56.5 59.1	56.7 59.3	57.0 59.6	57.8 62.4		58.9 61.5		59.8 62.4	60.2 62.8	60.3 62.9	63.0		63.8		62.1
≥ 2500 ≥ 2000	59.1 59.9	61.8		61.5	62.4				64.4	64.8 65.6		65.8	65.6	65.8	66.2	
≥ 1800 ≥ 1500	61.1	61.9	62.2		64.8			66.7	65.4	65.7 67.1	67.3	67.4	66.5 68.0	68.2	67.1 68.6	69.0
≥ 1200 ≥ 1000	62.1	64.9	65.4	65.7	67.1	67.8		67.7			70.1	70.2	70.8	71.3		71.9
≥ 900 ≥ 800	62.6	65.5 66.4	67.0	67.4	68.8		70.6	71.4	71.6	72.0		72.2	72.8	71.7 73.0		73.9
≥ 700 ≥ 600	63.7	65.9	68.3	68.7	70.3		71.4	73.2	73.4	74.0	74.1	74.2	74.8	74.0 75.1	74.5 75.5	76.0
≥ 500 ≥ 400	65.7	68.9 70.8	72.1	70.2	74.5		74.7	76.0	76.2 79.4	81.2	81.8	77.5 81.9	82.6	78.4 83.0	78.8 83.8	84.4
≥ 300 ≥ 200	66.2	71.7	73.3 73.9	74.1 74.7	76.7 77.4	77.5 78.4	80.7	82.9	83.7		90.7			90.Z 94.0		99.2
≥ 100	66.3	72.3 72.3	74.0									91.0 91.0			1	100.0

TOTAL NUMBER OF OBSERVATIONS...

846

USAF ETAC JULIA 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM AME DESOLE

5362

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24:14

FAIRCHILD AFB WA

73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800

CEILING							VIS	BILITY (ST)	ATUTE MILI	ES;						
·FEET:	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	≥1%	≥1%	≥1	≥ ¾	ود ≲	≥ '5	≥ 5/16	≥ .	≥0
NO CEILING ≥ 20000	25.1 27.4	25.3 27.7	25.3 27.7	25 • 4 27 • 8	25.5 28.0	25.7 28.1	25 · 8 28 • 3	26.1 28.6	26.4 28.8	26.4 29.1	26.5 29.2	26.6 29.3	27.1 29.8	27.3 30.0	27.8 33.5	27.9 30.7
≥ 18000 ≥ 16000	28.1 28.7	28.4 29.	28.4	28 • 5 29 • 1	28.7 29.3	28.8 29.4	29.0 29.6	29.3 29.9	29.6 30.1	29 • 8 30 • 4	29.9 30.5	30.0 30.6	30.5 31.1	30.9 31.4	31.3 31.9	31.6 32.2
≥ 14000 ≥ 12000	29.8 31.9	3: • 3 32 • 2	30.0 32.2	30 · 1 32 · 3	35.4 32.5	30.5 32.6	30.6 32.7	31.C 33.1	31.2 33.5	31.4 33.7	31.6 33.8	31.7 33.9	32.2 34.4	32.5 34.8	33.0 35.2	33.2 35.5
≥ 10000 ≥ 9000	35.1 36.5	35.3 36.8	35.3 36.8	35.5 36.9	35.8 37.2	37.4		36.4		37.C 38.4	37.2 38.7	37.4 38.8	37.8 39.2	38.2 39.6	38.8 40.2	
≥ 8000 ≥ 7000	39.4 44.0	39.6	44.2	39.7	40.1	40.2	40.3 45.0	40.7 45.4	41.6 45.7	41.3 46.0	41.5 46.2	41.6	42.1 46.8	42.4	43.0 47.8	$\overline{}$
≥ 6000 ≥ 5000	46.3	46.6		46.7 50.1	47.3 50.7	47.4 50.8	47.5 50.9	47.9 51.3	48.2 51.7	48.5 51.9	48.7 52.1	48.8 52.2		49.6 53.1	50.2 53.7	50.6 54.0
≥ 4500 ≥ 4000	50.5 51.3	57.8 51.7	50.9 51.9		51.8 52.7	51.9 52.8	53.0	53.3	53.7	53.0 53.9	53.2 54.1	53.3 54.3	53.8 54.8	54.1 55.2		55.1 56.3
≥ 3500 ≥ 3000	52.4 53.7	52.8 54.5	54.8	53.2 55.0	53.9 55.7	55.8	54.1 56.0	54.5 56.4	56.7	55.1 57.0	55.3 57.2	55.4 57.3		56.4 58.3		
≥ 2500 ≥ 2000	54.8 55.6	56.7 57.1	56.5 57.7	56.6 57.8	57.4 58.9		59.3	58 • 2 59 • 7	58.5 60.0	58.7 60.3	59.0 60.5	59.1 60.6	59.7 61.2	61.6	68.6	
≥ 1800 ≥ 1500	55.7 56.0 56.3	57.2 57.9	58.6	57.9 59.0	59.0 60.4	59.2 60.6 61.8	61.9	59.9 61.5	61.8	60.5 62.2	62.4	62.5	63.2	61.8	64.2	64.8
≥ 1200 ≥ 1000	57.2 57.6	58.6 59.8	60.9	61.2	63.1	63.4	63.9	52.8 64.4		63.6 65.2	63.8 65.5	65.6	66.3		65.6	
≥ 900 ≥ 800	58.2	62.3	61.3 62.2	61.7 62.6	64.7	63.8 64.9	64.4 65.5	65 • 0 66 • 1	66.4	65.8	66.1 67.3	66.2		68.6	67.8	68.4 69.7 72.1
≥ 700 ≥ 600	59.8	63.9	65.7	66.3	66.8	68.9	69.6	70.3	70.7	69.3	71.7	69.9 72.0		70.9 73.3	71.5	74.5
≥ 500 ≥ 400	60.4 61.2	65.5 67.1	69.9	68.3 70.7	71.2 73.9 75.2	71.5 74.3 75.7		73.0 76.5 78.8	73.4 77.3	74.2 78.6 81.8	74.7 79.7 83.0	75.1 80.0 83.3	76.1 81.6 85.7	76.5 81.9 86.3	77.2 82.9	77.8 83.8
≥ 300 ≥ 200	51.2 51.2	67.7	75.8 70.8	71.6	75.5		77.9	79.9	80.7	83.5		86.2	89.7	90.7	95.3	
≥ 100 ≥ 0	51.2	67.7	70.8		75.7						85.9	86.4				100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULIA 0-14-5 (OL A) MENOUS EDITIONS OF THIS 20M ARE DESCRETE

-DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FAIPCHILD AFB WA

7_-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	21%	21%	≥1	≥ 1₀	≥ ¾	≥ '⁄	≥ 5/16	≥ ′₄	≥0
NO CEILING ≥ 20000	24 • 6 27 • 3	25.1 27.9	25.4 28.3	25.5 28.4	25.9 28.8	26.Z 29.Z	26 • 2 29 • 2	26.5 29.4	26.6 29.6	26.6 29.6	26.6 29.6	25.6 29.6	26.7 29.7	27.0 29.9		28.0 31.0
≥ 18000 ≥ 16000	28 • 6 28 • 7	29•2 29•3	29.5 29.7	29.7 29.8	30.1 30.3	30.5 30.6	30.5 30.6	30.7 30.9	30.9 31.0	30.9 31.0	36.9 31.0	30.9 31.0	31.0 31.1	31.2 31.3		32.3 32.4
≥ 14000 ≥ 12000	31.4 33.6	32.3 34.3	32.4 34.8	32.5 34.9	33.0 35.3	35.7	33.3 35.7	33.6 35.9	33.7 36.2	33.7 36.2	33.7 36.2	33.7 36.2	33.8 36.3	34.0 36.5	37.1	35.1 37.6
≥ 10000 ≥ 9000	35.5 37.4	36.3 38.2	37.n 39.9	37.2 39.1	37.8 39.7	38.2 40.1	38.3 40.2	38.5	38.8 40.7	38.8 43.7	38.8 40.7	38.8 48.7	38.9 40.8	39.1 41.0		40.2
≥ 8000 ≥ 7000	44.3	41.5	42.2 46.1	42.4	43.0 47.0	43.4	43.5	43.7	44.0 48.1	44.0 48.1	44.0 48.1	44.0	48.2	44.3	44.9	45.4
≥ 6000 ≥ 5000	46.7	48.0 50.5	48.7 51.2	48.9	49.6 52.1	50.0 52.5	50.1 52.6	50.5 53.0	50.7 53.2	50.7 53.2	50.7 53.2	53.7 53.2	50.8 53.3	51.1 53.5		52.1 54.6
≥ 4500 ≥ 4000	50.9 52.4	52.4 54.0	54.9	53.3 55.1	54.0 55.9	56.3	54.5 56.5	54.8 56.9	55.1 57.1	55.1 57.2	55.1 57.3	55.1 57.3	55.2 57.4	55.4 57.7	56.0 58.3	
≥ 3500 ≥ 3000	52.8 54.6	55•7 57•1	55.8 58.1	56.3 58.3	56.9 59.1	57.2 59.5	57.4 59.7	57.8 63.2	58.0 60.4	58•2 60•5	58.3 60.6	58.3 60.6		58.6 61.0		
≥ 2500 ≥ 2000	55.4	58.3 58.9	59.2 59.5	59.5 50.2	61.3	61.7	61.2	61.7	61.9	62.1 62.9	62.2 63.0			62.5	63.1 63.9	
≥ 1800 ≥ 1500	56.3 56.9	59.2	60.2	61.5	62.8	63.2	63.5	64.2	64.4	64.8	64.9	64.9	63.6 65.0	63.8 65.2	65.8	
≥ 1200 ≥ 1000	58.2	62.1	61.6 63.0	63.7	63.6	66.0		65.0 67.0	65.2 67.5	67.8	65.7 68.0	65.7 68.0		66.1	68.9	
≥ 900 ≥ 800	58.5 59.1	62.8	63.7	65.2	66.0	66.8 67.8	68.2	67.8 69.0	68 • 3 69 • 5	68.7 69.9	68.8 70.1	70.1		69.1 70.4		
≥ 700 ≥ 600	60.2 61.0 62.1	64.9 66.3	66.3 67.8	66.9 68.9	68.9 71.0 73.9	69.9 72.0 75.4	70.3	71.3	74.1	72.2	72.5 75.3	75.3		72.8	76.5	74.0 77.0 83.6
≥ 500 ≥ 400 ≥ 300	62.4 52.5	69.4	71.2	72.9	76.4 77.0	77.9 78.6	76.7 79.7	78.1 81.6 82.7	78.8 82.6 83.8	80.3 84.4 86.3	81.3 86.2	81.4 86.3	82.0 87.4 90.4	82.4 87.7 91.3		
≥ 200	62.5 62.6	69.5	71.3	73.2	1	79.1	81.1	83.6	84.6	87.9	88.7 90.8	91.1	93.5		97.4	98.7
≥ 100	52.5	69.6	1	73.3								91.3				100.0

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS

DATA PROCESSING BRANCH USAF ETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14,14

FAIRCHILD AFB WA

73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY ISTA	TUTE MILI	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥27	≥ 2	2175	≥1%	≥1	≥ ¾	≥ 2,0	≥ ಌ	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	29.5 33.1	29.7 34.3	3 · · 1 34 · 5	35.1 34.5	30.3 34.6	30.3 34.6	i	34.8	34.9	34.9	34.9	34.9	35.1	30.7 35.1		31.0 35.3
≥ 18000 ≥ 16000	33.7 34.0	34.8 35.1	35.2 35.6	35.6	35.7		35.7	35.8	35.9	35.9	35.9	35.6 35.9	36.2	35.8 36.2	36.4	
≥ 14000 ≥ 12000	35.6 39.0	36.6 40.1	37.1 40.5	40.5		37.2 40.7	40.7			40.9	37.5 40.9	43.9	41.1	37.7 41.1	41.4	
≥ 10000 ≥ 9000	45.2	43.4		47.4	47.5	44.3	47.5	47.6		47.8	44.6	44.6	48.0	44.8 48.0		45.0 48.2
≥ 8000 ≥ 7000	49.0 53.0	49.6 55.0		55 • 8	55.9	50.6 55.9	55.9			50.8 56.1	50.8 56.1	50.8 56.1	56.4	51.1 56.4	51.3 56.6	51.3 56.6
≥ 6000 ≥ 5000	54.8 56.3	56.9 58.3	57.6 59.1	57.7 59.3		57.9 59.7	59.7	59.8	59.9	58.2 59.9	58.2 59.9			58.4 60.2	58.6	
≥ 4500 ≥ 4000	58.5 61.5	63.8	61.5 64.7	64.9	62.1 65.2	62.1	65.2		65.5		62.3	65.5	65.7	62.5 65.7	62.8 66.0	62.8 66.0
≥ 3500 ≥ 3000	52.3 55.0	54.7 67.7	65.5 68.7	68.9		66.2	69.7	66.3		70.1	56.4 73.1	70.1	66.7 70.3	66.7 70.3		70.6
≥ 2500 ≥ 2000	65.8 66.7	68.6		70.8		76.6 71.7	72.1	72.2			71.2 72.7	71.2	72.9	71.4		71.6
≥ 1800 ≥ 1500	65.9			72.1	73.5		74.3	74.5	74.7	75.2	75.2	75.2			75.7	
≥ 1200 ≥ 1000	58.1 69.1	73.3	73.2 74.5	74.7	76.5	74.9 76.6	77.7	78.0	78.3	79.0	77.2 79.1	79.1	79.4	77.4	79.7	77.7
≥ 900 ≥ 800	69.4 78.0			17.2	79.1	77.7 79.3	80.4		81.1	81.9	82.3	82.0	82.4	82.4	32.6	82.6
≥ 700 ≥ 600	70.3	76.6		80.4	83.0		84.5	85.1	85.5	86.3		86.5	86.9	84.6		
≥ 500 ≥ 409	71.7	79.4	81.8	83.0			89.2	90.3	90.9	92.6		93.1	93.6	93.6		94.1
≥ 300 ≥ 200	71.7	79.7 79.7	82.0	83.3	88.1		91.1		92.9			97.8	98.6	98.6	99.4	98.1
≥ 100 ≥ 0	71.7 71.7	79.7 79.7	82.0		68.1 88.1			92.3 92.3			97.6 97.6				Į.	100.0

NUMBER OF ORSERVATIONS 84

LISAE ETAC HILL OLIALS (OL A) MENOUS ENDOUS OF THE FORM ARE OSCURE

-BATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

. 2114

FAIRCHILD AFB WA

73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (ST	ATUTE MILI	ES:						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2¹2	≥2	≥1/2	≥114	≥1	<u>≥</u> 1.	≥ ¾	≥ %	≥ 5,16	≥ .	≥0
NO CEILING ≥ 20000	34.9 39.7	35.5	35.6 40.5	35.8 40.8	36.1 41.0	36.1 41.0	36.1 41.0	36 · 1	36.1 41.5	36.1 41.0	36.1 41.0	36.1 41.5	36.1 41.3	36.1 41.0	36.1 41.0	36.3
≥ 18000 ≥ 16000	4.7	41.1	41.3 42.7	41.5	41.1	41.7 43.1	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7 43.1	41.7 43.1	42.0 43.4
≥ 14000 ≥ 12000	44.2	45.0	45.2 47.5	45.4	45.6		45.6	45.6 48.0	45.6 48.0	45.6 48.0	45.6 48.0	45.6 48.0	45.6 48.0	45.6 48.0	45.6 48.0	45.9
≥ 10000 ≥ 9000	50.7 53.3	52.0 55.0	52.2 55.2	52.5 55.4	52.7 55.7	52.7 55.7	52.7 55.7	52.7 55.7	52.7 55.7	52.7 55.7	52.7 55.7	52.7 55.7	52.7 55.7	52.7 55.7	52.7 55.7	53.D 55.9
≥ 8000 ≥ 7000	55.5 51.1	58.2	53.4	58.6 63.2	58.9	58.9 63.7	58.9 63.8	58.9	58.9 63.8	58.9 63.8	58.9 63.8	58.9 63.8	58.9	58.9 63.8	58.9 63.8	59.1 64.1
≥ 6000 ≥ 5000	63.5 66.5	65.1	65 • 4 68 • 0	65.6	66.1	66.1	66.2	66.2 68.8	66.2	66.2 68.8	66.2	66.2	66.2	66.2 68.8	66.2	66.4
≥ 4500 ≥ 4000	57.7 69.1	68.8	69.ii 71.3	69.3 71.5	69.7	69.7	69.9 72.1	69.9	69.9	69.9 72.1	69.9 72.1	69.9	69.9 72.1	69.9	69.9 72.1	79.1
≥ 3500 ≥ 3000	7.*•7 73•6	72.7 76.1	72.9 76.7	73.2 77.1	73.6 77.5	73.6	73.8	73.8	73.8	73.8	73.8 77.8	73.8 77.8	73.8	73.8 77.8	73.8 77.8	74.C
≥ 2500 ≥ 2000	74.7 75.1	77.3	77.9 78.4	78.4 78.8	73.8 79.6		79.2	79.2 80.1		79.2 80.3	79.2	79.2	79.2	79.2 80.3	79.2	
≥ 1800 ≥ 1500	75 • 1 75 • 7	77.7	78.4 79.2	78.8 79.8	79.5		79.9	83.1	80.1	80.3	80.3	80.3	89.3	89.3	80.3	80.5
≥ 1200 ≥ 1000	76.2 77.2	79.2 80.6	80.1 81.8		81.9 84.0		82.4	82.6		82.9 85.1	82.9		82.9 85.2	82.9	82.9	83.1 85.5
≥ 900 ≥ 800	77.7 78.1	81.6 83.0	82.7 84.2	83.6 85.0	85.0 86.6	85.1	85.5 87.1	85.7	85.7 87.5	86.1		86.2	86.2	86.2	86.2	36.4 88.4
≥ 700 ≥ 600	76.8 79.4	84.0	7777	7			88.4	88.7 91.3		89.2 92.0			89.5 92.3			89.7 92.6
≥ 500 ≥ 400	79.6 79.6	85.1 85.2	87.2 87.6	88.3	95.7 91.5	90.8	91.8	92.3	92.6	93.1	93.6		93.6			93.9
≥ 300 ≥ 200	79.6 79.6	85•3 85•3	87.8 87.8	89.1 89.1		92.2	93.4 93.5	94.0		96.1 96.3	97.3 97.6	97.3		97.9 98.5	98.1 98.9	98.3 99.9
≥ 100 ≥ 0	79.6 79.6	85•3 85•3	87.8 87.8				93.5 93.5	94.2		96.3 96.3		97.5 97.6		1		100.0

TOTAL NUMBER OF OBSERVATIONS,

841

USAF ETAC FORM 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE ORNOLETE

5364

DAT4 PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25114

FAIRCHILD AFB WA

73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOUST 131

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥ 2	≥132	≥1'a	≥1	≥ ¾	≥ >•	≥ ∻	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	39•2 42•8	40.0 43.6	40.4	4G.8	44.8	41.1	41.1 44.8	41.1 44.8	41.1 44.8	41.1 44.8	41.1 44.8	41.1 44.8	41.3 44.9	41.3 44.9	41.6 45.3	45.4
≥ 18000 ≥ 16000	43.5 44.0	44.8	44.8	45.2 45.6	46.0	45∙5 46•¤	45.5 46.0		45.5 46.0	45.5 46.0	45.5 46.0	45.5 46.0	45.6 46.1	45.6 46.1	46.0 46.5	
≥ 14000 ≥ 12000	45.9	46.9	47.4 50.4	47.8 50.7	51.1	48.1 51.1	48.1 51.1	48.1 51.1	48.1 51.1	48.1 51.1	48.1 51.1	48.1 51.1	48.2 51.2	48.2 51.2	48.6 51.5	
≥ 10000	51.7 53.5	52.7 54.7	53.2 55.2	53.5 55.6	55.9	53.9 55.9	53.9 55.9	53.9 55.9	53.9 55.9	53.9 55.9	53.9 55.9	53.9 55.9	54.0 56.0			
≥ 8000 ≥ 7000	56.9 59.8	58.3	58.7	59.1 62.3	59.5 62.6	59.5 62.6	62.6		59.5 62.6	59.5 62.6	59.5 62.6	57.5	59.6 62.8	59.6 62.8	59.9 63.1	63.2
≥ 6000 ≥ 5000	61.3	63.0 66.5	67.0	63.8		64.2	67.8	64.2 67.8	64.2		64.2 67.8	67.8	64.3 68.0	64.3 68.0		
≥ 4500 ≥ 4000	65.5 68.7	75.3	73.9	68.0 71.3	71.7	71.7	71.7	71.7	71.7	71.7	68.4 71.7	71.7	71.9	68.6 71.9		72.3
≥ 3500 ≥ 3000	59.4 70.7	71.4	72.7 74.1	72.5 74.6	75.1	72.9 75.1	72.9 75.1	72.9 75.1	72.9 75.1	72.9 75.1	72.9 75.1	72.9 75.1	73.0 75.2 76.8	73.C 75.2 76.8	73.4 75.5 77.2	
≥ 2500 ≥ 2000	71.7 72.8 72.8	74.8 76.1	77.5	76.1 77.5	78.4	76.7 78.4 78.4		76.7 78.4 78.4	76.7 78.4 78.4	76.7 78.4 78.4	76.7 78.4 78.4	76.7 78.4 78.4	78.5 78.5	78.5 78.5	78.8 78.8	79.0
≥ 1800 ≥ 1500	74.0	77.8		78.8 79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9		8D.0 8J.7			88.5
≥ 1200 ≥ 1000 ≥ 900	74.8	78.5 79.7			81.3	81.3	81.6	81.6		81.7	81.7	81.7	81.8	81.8	82.2	82.3
≥ 900 ≥ 800 ≥ 700	75.8 76.0	80.4 80.9	81.8	82.5	83.2	83.2	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	84.2	84.3
≥ 600	77.9	82.6	83.7	84.6	85.9	86.2		87.ŭ	87.1	87.5	87.5	87.5	87.6	87.6	87.9	88.1
≥ 500 ≥ 400 ≥ 300	78.3 78.3	85.8	86.5	87.6		89.7	93.9		91.7	92.8			93.3		93.9	94.D
≥ 200	78.3	85.8 85.8	87.2		90.8	91:3	92.7		94.4	96.0	96.3	96.6	97.6	97.8	99.2	99.8
≥ 100	78.3	85.8			90.8									97.8		100.0

TOTAL NUMBER OF ORSERVATIONS.

846

USAF ETAC NI M 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE ORBOLET

USAF ETAC ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FAIRCHILD AFE WA

70-79

FE3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISI	BILITY (STA	TUTE MILI	ES;						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	درا ≥	≥וים	≥1	≥ کی	وبد ≤	בי ב	≥5/16	≥ '•	≥0
NO CEILING ≥ 20000	39.8 23.3	44.0	413.5	40.7	41.0	41.0	41.0	41.4	41.6	41.7	42.0 45.5	42.1 45.6	42.2 46.9	42.2 46.2	42.6 46.6	
≥ 18000 ≥ 16000	43.7	44.4	44.5	44.7	45.0 45.0	45.0 45.0	45.0	45.4	45.6 45.6	45.7 45.7	46.0 46.0	46.1	46.5 46.5		47.0	` .
≥ 14000 ≥ 12000	44.8 47.3	45.5	45.6	45.7	46.1	46.1	46.1	46.5	46.7	46.5 49.1	47.0 49.3	47.2	47.5 49.8		48.1 50.4	48.5 50.7
≥ 10000 ≥ 9000	49.1	49.9	57.0 51.4	50.1 51.5	50.5	55 51.9	50.5		51.1	51.2 52.6	51.4 52.8	51.5 53.0		52·1 53·5	52.5 53.9	
≥ 8000 ≥ 7000	53.4 56.3	54.5 57.8	54.5	54.7 58.0	55.1 58.4	55.1	55.1 58.4	55.6 58.9	55.8 59.1	56.1 59.5	56.4 59.7	56.5 59.8		57.1 60.4	57.4 60.8	57.8 61.1
≥ 6000 ≥ 5000	58.7 43.1	60.3	67.4	60.5 65.0	60.9 65.4	63.9	60.9	61.3 65.8	61.6	61.9	62.2 66.7	62.3 66.8		62.9	63.2 67.7	63.6 68.1
≥ 4500 ≥ 4000	93.8 66.3	55.5 58.1	65.5 68.2	65.7	66.1	66.1	66.1	66.5 69.1	66.8	67.1 69.7	67.4 70.0	67.5 70.1	67.8 70.4	68 • 1 73 • 7	68.4 71.0	1 _ 1
≥ 3500 ≥ 3000	67.1 69.3	68.9	69.7 71.3	69.1 71.4	69.5 71.7	69.5	69.5	70.0 72.2	70.2 72.5	75.6 72.8	70.8 73.0	70.9 73.2	71.3 73.5	71.5 73.8	71.9 74.1	72 • 2 74 • 5
≥ 2500 ≥ 2000	73.0 72.2	72.0	72.1 74.6	72.2 74.7	72.6 75.4	72.7 75.5	72.7 75.5	73.2 76.1	73.4 76.4	73.8 76.7	74.6 77.8	74.1	74.5 77.4	74.7 77.7	75.1 78.8	1
≥ 1800 ≥ 1500	72.2 73.5	74.5 76.1	74.6 76.4	74.7 76.5	75.5 77.3	75.7 77.4	75.7 77.4	76.2 78.0	76.5 78.3	76.8 78.6	77.1 78.8	77.2 79.0	77.5 79.3	77.8	78.1 79.9	78.5 80.3
≥ 1200 ≥ 1000	74.0	76.6 77.2		77.0	77.8 78.7	77.9 78.8	77.9 78.8	78.5 79.6	78.7 79.8	79.1 8D.1	79.3 80.4	79.4 80.5	79.9 81.8	80.1 81.2	80.5 81.6	1
≥ 900 ≥ 800	74.5 74.9	77.4 78.5	77.8 78.4	77.9 78.5	79.0 80.0	79.1 80.1	79.1 85.1	79 • 8 80 • 9	80.0 81.1	80.4 81.6	80.6 81.8	80.7	81.2 82.4	81.4	81.8	
≥ 700 ≥ 600	75.4 75.7	78•7 79•1	79.1 79.8	79.3 80.0	81.0 81.9	81.1 82.0	81.2	82.2 83.5	82.4 83.7	82.9 84.2	83.1 84.4	83.2 84.5	83.7 85.0	83.9 85.2	84.3 85.7	1
≥ 500 ≥ 400	76.4 76.7	85.3 81.0	81.0 82.3	81.2 82.6	83.5	83.7 85.2	84 • 2 86 • 5	85.8 88.5	86.2 88.9	86.8	87.0 90.1	87.1 90.2	87.6 93.7	87.8 90.9		
≥ 300 ≥ 200	76.7 76.7	81.4 81.6	83.2 83.3	83.7 83.8				90.7 91.0			92.8 94.1	93.0 94.3	95.2	94.6	98.2	99.8
≥ 100 ≥ 0	76.7	81.6 81.6		83.8 83.8		87.0 87.0	88.7 88.7	91.0	91.7 91.7	93.3 93.3		94.3 94.3	96.2 96.2	96.5	1	100.0

TOTAL NUMBER OF OBSERVATIONS,

USAF ETAC MIN 0-14-5 (OL A) MENOUS comons or

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

2/114

FAIRCHILD AFB WA

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST

CEILING							vis	BILITY (STA	ATUTE MILI	ESi						
·FEET	≥10	≥6	≥5	≥4	≥3	≥27	≥2	و≀ا≤	≥1′4	≥1	≥ ئي	و د ≤	≥ '÷	≥5 16	≥ •	≥0
NO CEILING	32.6	33.1	33.3	33.4	33.B	33.9	34.0	34.1	34.2	34.4	34.4	34.5	34.7	34.8	35.0	35.3
≥ 20000	35.6	36.2	35.4	36.5	37.0	37.0	37.1	37.3	37.4	35	37.6	37.6	37.9	38.5	38.3	38.6
≥ 18000	36.3	36.5	37.1	37.2	37.6	37.7	37.8	38.0	38.1	38.2	38.3	38.3	38.6	38.7	39.0	39.2
≥ 16000	36.7	37.3	37.5	37.7	38.1	38.2	38.3	38.4	38.5	33.7	38.8	32.8	39.1	39.2	39.5	39.7
≥ 14000	38.3	38.9	39.2	39.3	39.7	39.8	39.9	40.1	40.2	40.3	40.4	40.4	43.7	40.8	41.1	41.3
≥ 12000	43.9	41.5	41.8	41.9	42.3	42.4	42.5	42.7	42.9	43.0	43.1	43.1	43.4	43.5	43.8	44.1
≥ 10000	43.6	44.4	44.8	44.9	45.3	45.5	45.6	45.8	46.0	46.1	46.2	46.2	46.5	46.7	47.0	47.3
≥ 9000	45.4	46.3	46.7	46.8	47.3	47.4	47.5	47.7	47.9	48.0	48.1	48.1	48.4	48.6	48.9	49.2
≥ 8000	78.4	49.4	49.8	49.9	57.4	50.5	50.6	50.8	51.0	51.2	51.2	51.3	51.6	51.7	52.1	52.3
≥ 7000	52.3	53.5	53.9	54.□	54.5	54.7	54.8	55.1	55.2	5 <u>5.4</u>	55.5	55.5	55.8	56.J	56.3	50.6
≥ 6000	54.6	55.8	56.2	56.4	56.9	57.3	57.2	57.4	57.6	57.8	57.9	57.9	58.2	58.4	58.7	59.0
≥ 5000	57.5	58.8	59.2	59.4	60.Q	60.2	60.3	60.5	60.7	60.9	61.3	61.5	61.3	61.5	61.8	62.1
≥ 4500	58.7	50.0	60.4	60.6	61.2	61.4	61.5	61.9	61.9	62.1	62.2	62.2	62.6	62.7	63.D	63.3
≥ 4000	\$2.7	62.1	62.6	62.8	63.4	63.5	63.7	63.9	64.1	64.3	64.4	64.5	64.8	64.9	65.3	65.6
≥ 3500	51.7	63.3	63.7	63.9	64.5	64.7	64.9	65.1	65.3	65.5	65.6	65.6	66.0	66.1	66.5	66.8
≥ 3000	63.6	55.6	66.1	66.4	67.0	67.2	67.4	67.7	67.8	68.1	68.2	68.2	68.6	68.7	69.0	69.3
≥ 2500	34.6	66.9	67.4	67.7	68.5	58.7	68.9	69.2	69.4	69.6	69.7	69.7	70-1	70.2	70.5	70.8
≥ 2000	65.5	67.9	68.6	68.8	69.8	73.d	70.2	78.5	79.7	71.0	71.1	71.2	71.5	71.6	72.0	72.3
≥ 1800	υ 5.7	68.1	68.7	59.1	79.0	70.2	70.5	70.8	71.5	71.2	71.4	71.4	71.7	71.9	72.2	72.5
≥ 1500	65.4	69.1	59.5	79.2	71.4	71.7	71.9	72.3	72.5	72.8	77.9	73.0	73.3	73.5	73.8	74.1
≥ 1200	66.9	69.8	70.5	70.9	72.2		72.9	73.3	73.4	73.8	74.3	74.C	74.4	74.5	74.9	
≥ 1000	67.6	70.8	71.7	72.1	73.7	74.0	74.5	74.9	75.1	75.5	75.7	75.7	76.1	76.3	76.6	76.9
≥ 900	68.0	71.6	72.4	72.9	74.4	74.8	75.3	75.8		76.4	76.5	76.6	77.0	77.1	77.3	77.7
≥ 800	68.6	72.4	73.3	73.a	75.6	75.9	76.5	77.0	77.2	77.7	77.9	77.9	78.3	78.4	78.8	79.1
≥ 700	69.1	73.3	74.3	74.9	76.8	77.2	77.8	78.4	78.7	79.2	79.4	79.4	79.8			80.7
≥ 600	69.7	74.3	75.6	76.3	78.4	78.8	79.6	80.3	80.6	81.2	81.5	81.5	81.9	82.1	82.5	82.8
≥ 500	70.3	75.5	77.0	77.7	80.3	80.8	81.9	82.8	83.2	84.1	84.5	4.6	85.1	85.3	85.7	86.0
≥ 400	70.7	76.5	78.3	79.3	1	52.8	84.2	85.4	86.G	87.3		38.1	88.8	89.5		
≥ 300	70.8	77.1	79.0	80.1	83.6	84.3	86.1	87.6	88.3	90.4	91.6	91.8	93.1	93.5	94.5	95.1
≥ 200	70.8	77.2	79.2	80.2	83.8	84.6	86.5	88.2	1		- 1	93.4	95.2	95.7	98.0	99.4
≥ 100	70.8	77.2					85.5	88.3					95.3			99.9
2 0	70.8	77.2	79.2	7				88.3								100.0

TOTAL NUMBER OF OBSERVATIONS.

6768

USAF ETAC ALIA 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE DIRECT

GATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4324

FAIRCHILD AFB &A

73-79

MAR

PERCENTAGE FREQUENCY OF CCCURRENCE (FROM HOURLY OBSERVATIONS)

5000-0200

CEILING							VISI	BILITY 'STA	ATUTE MILI	ES						
ifeet:	≥10	≥6	≥5	≥4	≥3	22÷	≥2	≥172	≥1′•	≥1	≥ ኒ,	≥'n	35	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	54 • 8 58 • 5	55.2 58.8	55•2 58•9	55.2 58.8	55•3 53•9	55•3 58•9	55 • 3 58 • 9	55.5 59.1	55.5 59.1	55.8 59.5	55.8 59.5	55.8 59.5	55.9 59.6	56.0 59.7	56.1 59.8	
≥ 18000 ≥ 16000	58.5 58.5	58.8 58.8		58.8 58.6	58.9 58.9	58.9 58.9	58•9 58•9	59.1 59.1	59•1 59•1	59.5 59.5	59.5 59.5	59•5 59•5		59.7 59.7	59.8 59.8	
≥ 14000 ≥ 12000	53.4	60.9 63.8	- 30	60.9 63.8	61.0 54.0	64.0	61.0 64.0	51.2 54.2	61.2 64.2	61.5 64.5	61.5 64.5	61.5 64.5	61.6	61.7 64.7	61.8 64.8	
≥ 10000 ≥ 9000	67.5 69.0	67.8	69.4	67.8	69.6	68.1 69.6	58.1 69.6	69.8	69.3 69.8	66.7 70.2	68.8 70.3	68.8 7J.4		69.0 73.8	69.1 70.9	7C.9
≥ 8000 ≥ 7000	71.2 75.3	71.8 75.7	71.6 75.7	71.6 75.7	71.8 75.9	71.6 75.9	71.8 75.9	72.0 76.1	72.0 76.1	72.5 76.6	72.6 76.7	72.7 76.8	72.8 76.9	73.0 77.1	73.1 77.2	73.1 77.2
≥ 6000 ≥ 5000	77.2 82.1	77.7 80.8	77.7 83.9	77.7 80.6	78.0 81.0	78.0 81.0	78.0 81.0	78.2 31.2	78 • 2 81 • 2	78.6 81.6	61.7	78.8 81.8	81.9	79.1 82.2	79.2 82.3	82.3
≥ 4500 ≥ 4000	81.4 63.5	82.1	82.5 84.2	82.0 84.2	82.3	82.3 84.4	82.3	82.5 84.6	82.5 84.6	82.9 85.1	83.5 85.2	83•1 85•3	83•2 85•5		83.5 85.8	8.25
≥ 3500 ≥ 3000	34 • 3 86 • 2	84.9 87.1	85.1 87.2	85.1 87.2	85.3	85.3	85.3 87.4	85.5 87.6	85.5 87.6	85.9 88.1	86.0 88.2	86.1 88.3	86.3 88.5	86.6	86.7	
≥ 2500 ≥ 2000	87.3	87.8	88.7	88.0 88.7	88.3	88.3 89.0	88.3	88.5 89.2	88.5		89.1 89.9	89.2 90.0		90.5	99.6	90.6
≥ 1800 ≥ 1500	87.5	88.9 89.1	89.0	89.0 89.2	89.4		89-4 89-6	89.6	89.6 89.8	90.0 90.2	90.2 90.4	90.3 90.5	_	90.9	91.0 91.2	91.2
≥ 1200 ≥ 1000	38•2 38•6	89.6 95.2	90.3	89.7 90.4		90.1 91.1	90.1 91.1	90.3 91.3	90.3 91.3	91.7	91.5 91.9	91.1 92.0			92.7	
≥ 900 ≥ 800	38.7 88.9	90.9		90.8 91.1	91.4	91.4	91.4 91.7	91.6	91.6 92.3	92.7	92.3	92.4 93.0	92.7 93.3		93.0 93.7	93.7
≥ 700 ≥ 600	88.9 88.9	91.0	91.4	91.5					92.5 93.3	93.4	93.1 93.7	93.0		94.4	93.9	
≥ 500 ≥ 400	89.2 89.2	91.7	92.3	92.4	93.8		93.8 94.1	94.9	94.4	95.7	95.9		96.5		96.B 97.1	97.1
≥ 300	89.2	91.8 91.8		92.9	94.5			95.9 96.0	96.2 96.3	97.2	97.5		98.1	98.5	98.7	99.4
≥ 100 ≥ 0	89.2 89.2	91.8 91.8	, , , , ,						96.6 96.6		97.7 97.7					100.0

TOTAL NUMBER OF OBSERVATIONS

935

USAF ETAC ALM 0-14-5 (OL A) PREVIOUS ENTITIONS OF THIS FORM ARE OSSOLE

CATA PROCESSING BRANCH USAF EFAC AIR *LATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25114

FAIRCHILD AFB WA

7:-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2220-0500

CEILING		VISIBILITY 'STATUTE MILES-														
FEET	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1?	≥!'•	≥1	≥ ¾	≥ 'a	≥ >	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	57.4 54.2	52.5 54.3			50.8 54.5			50.5 54.5	50 · 8 54 • 5		51.0 54.7	51.0 54.7	51.2 54.9			51.7 55.5
≥ 18000 ≥ 16000	54.8 54.9	54.9 55.1			55.2 55.3		55.3	55.3		55.4 55.5	55•4 55•5	55.4 55.5	55.7	55.8	56.2	56.2
≥ 14000 ≥ 12000	56.2 58.2	55.3 58.3	56•5 58•4	1	56.6 58.5	56.5 58.5	56.6 58.5		56.6 58.5	56.8 58.7	56 • 8 58 • 7	56.8 58.7	57.0 59.0		57.5 59.6	
≥ 10000 ≥ 9000	63.0	51.7 63.1	61.8 63.3	61.8 63.3	61.9 63.4	61.9 63.4	61.9 63.4	61.9 63.4		62.2 63.7	52•2 63•7	62.2 63.7	62.5 64.0	62.5 64.1	63.0 64.5	63.0 64.5
≥ 8000 ≥ 7000	56.7 69.9	67.5 70.2	67.3 70.5		67.4 70.6	67.4 73.6	57.6 70.9	67.6 70.9	67.6 70.9	67.8 71.1	67.8 71.1	67.8 71.1	68.2 71.4	68.3 71.5	68.7 71.9	58.7 71.9
≥ 6000 ≥ 5000	71.2 74.8	71.5 75.3	71.6 75.5		72.0 75.9	72.0 75.9	72.3 76.1	72.3 76.1		72.5 76.3	72.5 76.3	72.5 76.3		72.9 76.8	73.3 77.2	
≥ 4500 ≥ 4000	76.3 76.1	76.9 78.6	77.2 79.1	77.3 79.2	77.5 79.5	77.5 79.6	77.7 79.8	77.7 79.8		78.9 80.0	1 7 7 7				78.8 80.9	7º,8
≥ 3500 ≥ 3000	78.9 60.4	8 ?• 3 81•6	80.3 81.9		83.8 82.5	1	81.0 82.8		81.0 83.0		81.2 83.2		81.7 83.8			1
≥ 2500 ≥ 2000	30.8 31.4	82•3 82•9			87.2 84.1					84.1 85.1	84.1 85.1	84.1 85.1				(
≥ 1800 ≥ 1500	81.4 81.4	83.1 93.1			84.3 84.4		84.8	85.1	85.3		85.4 85.7		85.9 86.2		86.9	86.6 86.9
≥ 1200 ≥ 1000	81.9 82.2	84.7 84.7	84.4 85.5		85.3 86.7		87.3	87.5								
≥ 900 ≥ 800	82.4 82.4	84.9 85.3	85.7 86.0	85.8 86.1	86.9 87.2										1	
≥ 700 ≥ 600	22.7 22.9	85.7 85.9	86.5 85.7	86.9	88.0	88.2		89.2		89.9	89.7 89.9	89.7 89.9			91.1	
≥ 500 ≥ 400	83.5 83.5	36.9	87.2 87.8	88,3	89.5 90.0	90.1	91.2	91.5	91.7	91.7 92.7	91.8 93.0	93.0	93.5	92.5 93.8	94.6	94.6
≥ 300 ≥ 200	83.7 83.7	87.4 87.5		88.9	91.5	91.5	93.0	3.8	92.9 94.1	94.0 95.2	96.0				99.1	
≥ 100 ≥ 0	83.7 83.7	87.5 87.5					-	93.8 93.8			96.0 96.0	96.1 96.1		97.7 97.7		100.0

TOTAL NUMBER OF OSSERVATIONS...

930

USAF ETAC AL 44 0-14-5 (OL A) PREMOUS ESTICHS OF THIS FORM ARE OSSOUR

DATA PROCESSING BRANCH JOAF ETAC ALD PEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14.14

FAIRCHILD AFB MA

7:-79

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 6609-6600</u>

CEILING							VIŞ	BILITY ST	ATUTE MULI	15						
-FEET	≥10	≥6	≥5	≥4	≥3	≥2 -	≥2	ביו≤	≥1′4	≥1	≥ %	≥ '•	≥ ÷	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	41.5	,	42.2 47.0				•		42.5 47.3		42.5 47.3					43.9 48.7
≥ 18000 ≥ 16000	46.5		47.5 47.7				1				47.8 48.1		48.1 43.3			
≥ 14000 ≥ 12000	48.5 51.7	49.1		49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.7	49.9	50.4	50.9
≥ 10000 ≥ 9000	55.5 58.4	57.2 59.2									57.5 59.6					
≥ 8000 ≥ 7000	52.3 55.3	63.5 66.7	56.7	67.0	67.1	67.1		67.1		57.2	64.1 67.2		64.3 67.4		65.1 68.2	
≥ 6000 ≥ 5000	66.1 68.7	67.5					68.0 70.5				68.1 73.6		68.3 70.9			69.5 72.0
≥ 4500 ≥ 4000	59.5 71.d	71.2 73.5	73.5	74.0	74.1	74.1	74.2	74.2	74.2	74.3	71.7 74.3					73.1 75.7
≥ 3500 ≥ 3000	72.5 74.2	74.2	75.3	75.9	77.1	77.2	74.5 77.3	77.3	74.8 77.4	77.7	77.7	75.1 77.8	75.2 75.0	•		76.3 79.2
≥ 2500 ≥ 2000	75.4 75.7	77.5 78.5	78.4		79.4	79.6	79.2 79.7	79.7	79.8		80.1	83.2		80.5	21.2	
≥ 1800 ≥ 1500	75 • 8 75 • 8	78.1 76.1	78.3	79.4	79.8	8G-0		83.2		30.6	8G.6	80.9	81.6	31.2	81.8	81.7 82.3
≥ 1200 ≥ 1000	76.3 76.9	79.0	89.6	81.4	82.2	82.4	82.6	82.7	83.C	83.4	83.5	83.7		84.1	34.7	85.2
≥ 900 ≥ 800	77.7		31.7		83.3	83.5	83.5	83.9	84.3	84.8	84.9	85.1	85.3	85.5	36.1	86.6
≥ /00	78.6	31.3 82.7	83.5	84.4	85.4	85.6	85.9	86.0	86.6		87.7	88.0	88.2	88.4	89.0	89.5
≥ 500 ≥ 400	80.2 80.5	83.9	85.4		87.4	87.6	88.2	89.6		99.3	91.1	91.4	91.8	92.0	93.0	
≥ 30C ≥ 200	50.8 50.8		95.1	87.6		89.2	89.9		91.4		94.1	94.4	95.9	96.8	98.5	96.1 99.7
≥ 100 ≥ °C	8.08 8.25					89•2 89•2										100.0

TOTAL NUMBER OF DESERVATIONS,

930

USAF ETAC ALAM 0-14-5 (OL A) REMOVE SERVING OF THIS FORM ARE ORDINE

CATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

3-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥:	≥ 4	≥3	≥2⅓	≥2	≥175	≥1%	≥1	≥ ¼	≥ 3/9	≥ ⅓	≥5 16	≥'•	≥0
NO CE!LING ≥ 20000	40.6	41.3 46.0	41.5 48.0	41.3 48.0	41.6 48.3	41.8 48.5	41.3 48.5	41.9	41.9 48.6	42.0 48.7	42.:· 48.7	42.0 48.7	42.2 48.8	42.2 48.8	42.4 49.3	42.4 49.0
≥ 18000 ≥ 16000	48.1	48.9	48.9	48.9 49.9	49.2 50.2	49.5 56.4	49.5 50.4	49.6 50.5	49.6 50.5	39.7 0.6	49.7 50.6	49.7 50.6	49.8 53.8	49.8 50.8	50.0 51.0	50.0 51.0
≥ 14000 ≥ 12000	57 .3	51.2 55.9	51.2 56.0	56.0	51.5 56.3	51.7 56.6	51.7 56.6	51.8 56.7	51.8 56.7	51.9 56.8	51.9 56.8	51.9 56.8	52.0 56.9	52.0 56.9	57.1	52.3 57.1
≥ 10000 ≥ 9000	67.8 63.0	64.0	61.8	61.8	62.2	64.7	62.4	62.5	62.5	62.6	62.6 64.9	62.6	62.7 65.1	62.7 65.1	63.0 65.4	63.0
≥ 8000 ≥ 7000	66.3	67.4	67.5	69.9	70.4	68.3 72.6	68.3 70.6	68.4 70.8	70.8	68.5 70.9	68.5 70.9	68.5 70.9	68.6 71.0	68.6 71.0	68.9 71.3	71.3
≥ 6000 ≥ 5000	69.5 73.2 73.8	71.3	73.2 75.1 75.7	71.3 75.3 75.9	71.8 75.8	72.0 76.0 76.7	72.5 76.0	76.2	72.3	72.4	72.4	76.3	72.5 76.5	72.5	76.8	76.8
≥ 4500 ≥ 4000 ≥ 3500	75.3 76.3	77.0	77.2	77.4	76.5 78.0 78.7	76.7 78.2 78.9	76.7 78.2 78.9	76.9 78.4 79.1	76.9 78.4 79.1	77.0 78.6	77.0 78.6	77.0 78.6 79.4	77.1 78.7	77.1 79.7 79.3	77.4 79.0	77.4 79.0 79.8
≥ 2500	78.2	79.7	87.1	80.3	81.8	81.1	81.1	81.3	81.4	81.6	81.6 82.6	81.6	81.7	81.7	82.0 83.0	82.D
≥ 200C ≥ 1800	79.1	81.3	82.8	82.3 83.0	83.3	83.5	83.7	83.9	84.0		84.2	84.2	84.3	84.3	84.6	84.6
≥ 1500	80.3	82.7	83.4	83.7	84.7	84.9	85.2		85.6	- : - :	85.9 86.9	85.9	86.1	86.1	86.5	86.5
≥ 1000	81.6	85.3	85.9	86.2		87.8		88.6	88.8	89.1 90.0	89.1	89.1	89.4	89.4	89.7 90.5	89.7 90.5
≥ 800	82.8	85 3 86 3	87.5	87.4		90.1	89.7 90.4	90.2 91.0	90.5		91.0	91.9		91.2	91.5	
≥ 60C ≥ 500	83 • 3	87.7	88.9	88.5	98.5 91.6	90.8		91.8 93.3	92.4	92.9	93.0 94.6		93.2	93.2	93.5 95.3	
≥ 400	83.3	87.8 98.2	89.1 6: 6			93.0	93.5	95.8		96.1 97.4	96.3	96.3 97.6	96.8	96.8 98.2	97.1 98.5	98.5
≥ 200	93.3 83.3	88.4		90.8		94.1		96.2 96.2	97.1	98.1 98.1	98.4			99.2	99.8	100.0
≥ 0	83.3	88.4	89.9	90.8	93.7	94.1	94.8	95.2	97.1	98.1	98.4	98.5	99.1	99.2	99.8	100.0

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TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC JULIA 0-11-5 (OL A) MEYOUS EDITIONS OF THIS FORM ARE ORNOLE

DATA PROCESSING BRANCH USAF ETAC AIP *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24.14

FAIRCHILD AFB WA

72-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FFOM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥14	≥1	≥ 3,4	≥ >⁄1	≥ ′⁄2	≥ 5,16	≥ ¼	≥0
NO CEILING ≥ 20000	31.6 44.6	38.9 44.9	39. 45.1	39.6 45.1	39.C 45.1	39.0 45.1	39.0 45.1	39.0 45.1	39.0 45.1	39.0 +5.1	39.0 45.1	39.0 45.1	39.0 45.1	39.0 45.1	39.0 45.1	39.0 45.1
≥ 18000 ≥ 16000	45.3 46	45.6 46.3	45.7	45.7	45.7 46.5	45.7	45.7 46.5	45.7	45.7 45.5	45.7 46.5	45.7 46.5	45.7 46.5	45.7 46.5	45.7 46.5	45.7 46.5	45.7 46.5
≥ 14000 ≥ 12000	48.7 51.9	49.3 52.3	49.1 52.4	49.1 52.4	49.1 52.4	49.1 52.4	49.1 52.4	49.1 52.4	49.1 52.4	49.1 52.4	49.1 52.4	49.1 52.4	49.1 52.4	49.1	49.1 52.4	49.1 52.4
≥ 10000 ≥ 9000	57.0 58.3	57.3 58.7	57.4 58.9	57.4 58.9	57.4 58.9	57.4 58.9		57.4 58.9	57.4 58.9		57.4 58.9	57•4 58•9	57.4 58.9	57.4 58.9	57.4 58.9	57.4 58.9
≥ 8000 ≥ 7000	62.5 54.7	62.9	63.1 65.4	63.1 65.4	63.1	63.1 65.4	63.1 65.4		63.1 65.4		63.1 65.4	63.1 65.4	63.1 65.4	63.1 65.4	63.1 65.4	63.1 65.4
≥ 6000 ≥ 1√00	75.5	67.5	67.7	67.7 71.4	67.7 71.4	67.7 71.4	67.7 71.4		67.7 71.4	67.7 71.4	67.7 71.4	67.7 71.4	67.7 71.4	67.7 71.4	67.7 71.4	71.4
≥ 4500 ≥ 4000	71.4 75.9	72.5 76.8	72.3 77.3	72.3 77.3	72.3 77.6	72.3 77.6	_		72.3 77.6	77.6	72.3 77.6	72•3 77•6	77.6	72.3 77.6	72.3 77.6	72.3 77.6
≥ 3500 ≥ 3000	78.7 82.6	79.8 84.1	84.8	85.3 84.8	83.6 85.4	80.6 85.4			80.6 85.5	80.6 85.5	80.6 85.5	80.6 85.5	85.5	80.6 85.5	80.6 85.5	
≥ 2500 ≥ 2000	83.9 85.3	85.5 87.2	86.2	86.2 88.1	86.9	86.9 88.7	86.9	89.0	87.0 89.0	89.5	89.0	87.0	89.0	89.0	87.0 89.0	89.0
≥ 1800 ≥ 1500	85.6 86.5	87.5 88.6	88.4	88.4	90.3	89.0 90.3	90.9	91.2	89.4 91.2	89.4 91.2		89.4 91.2		89.4 91.2	89.4 91.2	
≥ 1200 ≥ 1000	87.4	90.9	91.2		93.4	92.0	94.0	94.4	92.9 94.6		92.9	92.9	92.9 94.8	92.9	92.9	94.8
≥ 900 ≥ 800	88.1	91.2	92.6	92.5 92.7	94.0	93.7		95.2		95.3 95.6		95.3 95.6		95.3 95.6	95.3 95.6	
≥ 700 ≥ 600	88.5	92.2	92.8 93.5	93.8	95.2	94.3	95.8		95.7		97.3	96.0	97.3	97.3		97.3
≥ 500 ≥ 400 ≥ 300	88.7 68.7	92.5 92.5 92.6	93.9	94.1 94.1	95.5 95.5	95.6 95.6		97.5		98•2 98•2	98.4	98.4	98.6			98.6
≥ 200	88.7	92.5	94.0	94.2	95.6	95.7 95.7 95.8	96.5	97.8	98.1	98.6 98.6	99.1 99.1	99.1	99.9	99.9 99.9 105.0	99.9	99.9
≥ 100 ≥ 0	88.7	92.6		94.3	95.7	95.8		98.0			99.2			108.3		

TOTAL NUMBER OF OBSERVATIONS

931

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

5368

e ru, DATA PROCESSING BRANCH USAF ETAC 412 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

c 4 1.14

FAIRCHILD AFS NA

73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥ 2	21%	≥1'4	≥1	ي خ	≥ ¾	בי ≤	≥ 5.16	≥ •	≥0
NO CEILING ≥ 20000	38.5 44.9	38.6 45.1	38.5 45.1	38.6 45.1	39.6 45.1	38.6 45.1	38.6 45.1	38.6 45.1	30.6 45.1	38.5 45.1	38.6 45.1	38.6 45.1	38.6 45.1	38.6 45.1	38.6 45.1	38.6 45.1
≥ 18000 ≥ 16000	45.4 45.8	45.5 45.9	45.6 46.	45.6 46.0	45.6 46.8	45.6 46.0	45.6 46.0	45.6 46.0	45.6	45.6 46.0	45.6	45.6 46.0	45.6 46.0	45.6 45.0	45.6 46.0	45.6 46.0
≥ 14000 ≥ 12000	49.2 52.5	49.4 52.6	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	49.5 52.7	
≥ 10000 ≥ 9000	57.4 58.5	57.6 58.8	57.8 59.0	57.8 59.0	57.8 59.0	57.8 59.0	57.8 59.0	57.8 59.0	57.8 59.0	59.0	57.8 59.0		57.8 59.0	57.8 59.0		
≥ 8000 ≥ 7000	61.9 65.8	62.2	66.3	62.4 66.3	66.3	62.4	66.3	62.4	66.3	62.4	66.3	62.4	66.3	62.4	66.3	62.4
≥ 6000 ≥ 5000	68.5 71.8	72.4	69.1 72.7	69.1 72.7	69.1 72.7	69.1 72.7	69.1 72.7	69.1 72.7	59.1 72.7	69.1 72.7	69.1 72.7	69.1 72.7	69.1 72.7	69.1 72.7	69.1 72.7	
≥ 4500 ≥ 4000	79.1	74.9 79.9			75.3 80.3	75.3 80.4 83.7	75.3 80.4 83.8	75.3 80.5 84.0	75 • 3 80 • 5		75.3 80.5 84.0	75.3 80.5	75.3 80.5	75.3 80.5	75.3 80.5	80.5
≥ 3000 ≥ 2500	81.9 85.4 96.1	86.8 87.7		07.2		87.5	87.6		87.8	87.8	87.8 89.0	87.8	87.8 89.0	67.8	87.8	87.8
≥ 2000 ≥ 1800	57.4 37.5	89.4	89.7	89.7	90.4	9D.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	\$1.1 91.3
≥ 12.00	88.7	90.4	90.9		91.8	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6			92.6
≥ 1660 ≥ 900	89.4	91.9			94.1	94.5	94.7	94.9	94.9	54.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	39.5 89.7	92.4	92.8	93.1	94.5 95.1	94.7	95.2	95.6 96.1			95.7	95.7	95.7		95.7	95.7
≥ 500	89.7	93.2	93.7	94.1	95.6 95.8	95.9	96.3	96.9	97.0		97.5	97.5	97.5	97.5	97.5 98.4	1 1
≥ 400	89.8	93.5	94.3	94.8	96.3 96.5	96.7			98.6 98.7	99.0				99.6		99.6
≥ 200	89.8		94.3	94.8					98.7 98.7	99.1	99.7			100.0		100.0
≥ 0	89.8	93.7	94.3	94.8	96.5	96.8	97.4	98.4	98.7	99.1	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORIGINATE

DATA PROCESSING BRANCH USAF ETAC ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24314

FAIRCHILD AFB WA

75-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-3000

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)					· · · ·	
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'ז	≥?	215	≱ا≤	1≤	≥ %	5,4	≥ 1/2	≥5 16	≥'•	≥0
NO CEILING ≥ 20000	50.9 56.2	51.0	51.9	51.0	51.0	51.0	51.0	51.0	51.	51.0	51.7	51.3	51.0		51.0	
≥ 18000	56.9	57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1	56.5 57.1
≥ 16000	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7		57.7	57.7	
≥ 14000 ≥ 12000	67.4 62.8	63.5	63.0	63.0	60.6 63.0	63.0	60.6	60.6 53.0	60.6	60.6 63.0	60.6 63.0	60 • 6	60.6 63.0	60.6	60.6	
≥ 10000	67.7	68.	68.	68.0	68.0	68.3	68.0	68.0	63.C	66.5	68.0	68.0	68.0	68.G	68.0	68.0
≥ 9000	70.3	70.5		70.5		70.5	70.5	75.5	70.5	71.5	70.5	70.5		70.5	70.5	
≥ 8000 ≥ 7000	73.9 77.3	74.1	74.1	74.1	74.1	74.1	74 • 1 77 • 5	74.1	74.1	74.1	74.1	74.1	74.1	74.1 77.5	74.1	74.1 77.5
≥ 6000	79.1	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6		79.6	79.6	79.6	79.6	79.6	
≥ 5000	31.3	81.8	81.9	81.9	82.0	82.2	82.2	82.2		82.2	82.2	82.2	82.2	82.2	82.2	
≥ 4500 ≥ 4000	85.7	83.8		63.9 86.6	84.0	34.1 86.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	87.2	88.1	88.2	88.2	88.4	88.5		85.6	88.6		88.6	88.6	88.6	88.5	88.6	88.6
≥ 3000	89.5 90.0	90.6	91.5	90.8	91.7	91.1		91.9	91.2	91.2	91.2	91.2	91.2		91.2	
≥ 2500 ≥ 2000	93.5	92.0		92.3	92.5	92.6		92.7	91.9 92.8	91.9 92.8	91.9	91.9 92.8	91.9		91.9	91.9
≥ 1800 ≥ 1500	90.8	92.4	92.6	92.6	92.8	92.9	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	93.9 91.7	92.6	92.8	92.8	93.0	93.1	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	
≥ 1000	92.	94.3	94.6	94.7	95.1	95.2		95.5			95.7	95.7			95.7	
≥ 900 ≥ 800	92.3	94.7	95.2	95.3	95.6	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	92.3	94.9	95.5	95.6		96.0	96.2	96.3	96.5 96.5		96.6	96.6		96.6	96.6	
≥ 600	92.4	95.1	95.7	95.8				97.0	97.1	97.3	97.3	97.3	l i			
≥ 500 ≥ 400	92.6	95.4	96.0	96.5		97.2	97.6	97.7	97.8			98.6			98.7	
≥ 300	92.9	95.7	96.5	96.9 97.1		97.6		98.5		99.2	99.4	99.4	99.5	99.5	99.5	
≥ 200	93.0	95.8	96.5	97.1	97.7	97.8	98.4	98.5	98.7	99.8	99.9	99.9	160.0	100.0	100.0	100.0
≥ 100	93.0		1	- 7						1					100.0	2
	y 3 • 4	95.8	96.5	71.1	97.7	97.8	98.4	98.6	98.7	99.8	99.9	99.9	TRO-D	1 00 0 C	100.0	ran• n

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TOTAL NUMBER OF OBSERVATIONS.....

930

USAF ETAC HIS AM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

70-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISI	BILITY (STA	ATUTE MILI	ES.						-
·FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥ 2	≥1 7	≥1.	≥1	≥ 1,4	ارد ≳	≥ 5-7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	55.6 53.5	55.8 58.	55.8 58.5	55.8 58.5	55.8 58.5	55.8 58.5	55.8 58.5	55.6 58.5	55.8 58.5	55.8 58.5	55.8 58.5	55.8 58.5	55.9 58.6	55.9 58.6	55.9 58.6	55.9 58.6
≥ 18000 ≥ 16000	59.2 59.5	59.2 59.5		59.2 59.5	59.2 59.5	59.2 59.5	59.2 59.5	59.2 59.5	59.2 59.5	59.2 59.5	59.2 59.5	59.2 59.5	59.4 59.6	59.4 59.6	59.4 59.6	59.4 59.6
≥ 14000 ≥ 12000	ol.1 64.5	61.1 64.5	61.1 64.5	61.1	61.1	61.1	61.1 64.5	61.1 64.5	61.2 64.6	61.2 64.6	61.2 64.6	61.2 64.7	61.3 64.8	61.3 64.8	61 • 3 64 • 8	61.3 64.8
≥ 10000 ≥ 9000	59 • 7 71 • 7	69.7 71.7	69.7 71.7	69.7	69.7 71.7	69.7 71.7	69.8 71.8	69.8 71.8	69.9 71.9	69.9 71.9	69.9 71.9	73.5 72.0	70 • 1 72 • 2	70.1 72.2	70•1 72•2	7ú.1 72.2
≥ 8000 ≥ 7000	78.0	73.7 78.1	73.7 78.1	73.7 78.2	73.7 78.2	73.7 78.2	73.8 78.3	73.8 78.3	73.9 78.4	73.9 78.4	73.9 78.4	74.0 78.5	74 • 1 78 • 6	74 • 1 78 • 6	74 • 1 78 • 6	74 • 1 78 • 6
≥ 6000 ≥ 5000	79.2 52.3	79.4 82.5	82.5	79.5 82.6	79.5 82.6	79.5 82.6	79.6 82.7	79.6 82.7	79.7 82.8	79.7 82.8	79.7 82.8	79.8 82.9	79.9 83.0	79.9 83.0	79.9 83.0	79.9 83.0
≥ 4500 ≥ 4000	83.7 85.6	83.9 85.9	83.9 86.7	84.3	84.3	84.C	84.1	84.1 86.5	84.2 86.6	84.2 86.6	84 • 2 86 • 6	84.3 86.7	84.4	84.4 86.8	84.4 86.8	84.4
≥ 3500 ≥ 3000	87.3 89.4	87.6	89.8	90.0	88.0 90.0		88 • 2 93 • 2	88.2 90.2	88.3 90.3	88.3 90.3	88.3 90.3	88.4 92.4	88.5 93.5	88.5 90.5	88.5 90.5	88.5
≥ 2500 ≥ 2000	90.0 91.5	91.6	90.5 91.7	92.9	90.9		91.1 92.3	91.1 92.3	91.2 92.4	91.2 92.4	91.2 92.4	91.3 92.5	91.4 92.6	91.4 92.6	91.4 92.6	92.6
≥ 1800 ≥ 1500	91.1 91.2	91.9 92.2	92.5 92.3	92.4 92.6	92.4 92.6	92.4 92.7	92.6 92.9	92.6 92.9	92.7 93.0	92.7 93.0	92.7 93.0		92.9 93.2	92.9 93.2	92.9 93.2	93.2
≥ 1200 ≥ 1000	91.5 91.8	92.7 93.1	92.8 93.2	93.1 93.8	93•1 94•5		93.5 94.5	93.5 94.5	93.7 94.6	93.7 94.6	93.7 94.6	93.8 94.7	93.9 94.8	93.9	93.9	93.9 94.8
≥ 900 ≥ 800	91.9	93.2 93.4	93.3 93.5	93.9 94.1	94.2 94.4	94.4	94.7	94.7 95.3	94.8 95.4	94.8 95.5		95.6	95.1 95.7	95.1 95.7	95.1 95.7	95.1 95.7
≥ 700 ≥ 600	92.0 92.4	93.4	93.5 94.0	94.1	94.4	94.6 95.1	94.9 95.5	95.3 95.8	95.4 95.9	95.5 96.0	95.5 96.0	95.6 96.1	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2
≥ 500 ≥ 400	92.6 93.0	94.6		94.7	95.1 95.8	95.3 96.0	95.7 96.5	96.1 97.0		96.5 97.5	96.5 97.5		96.7 97.7	96.7 97.7	96.7 97.7	96.7
≥ 3 ⁽⁴⁾ ≥ 200	93.1	94.7	95.1 95.1	95.7 95.7	96.5	96.6	97.4	98.0		98.7 98.9	98.7 99.0		98.9 99.4	98.9 99.6		
≥ 100 ≥ 0	93.1 93.4	94.7	95.1 95.1	95.7 95.7	96.8 96.8	3	97.8 97.8			99.1 99.1	99.2 99.2	99.4	99.6 99.6		99.9 108.0	

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TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AZE OBSOLETE

DATA PROCESSING BRANCH UTAF ETAC AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.14

FAIRCHILD AFB KA

76-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS ILST

CEILING		_					VIS	BILITY (STA	ATUTE MILI	ES:						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥ 2	≥1%	≥114	≥1	≥ ¾	≥ 2-9	≥%	≥5 16	≥.	≥0
NO CEILING ≥ 20000	46.4 51.3	46.7 51.6	46.7 51.7	46.7 51.7	46.8 51.8	46.8 51.8	46.8 51.8	46.9 51.8	46.9 51.8	47.0 51.9	47.7 51.9	47.5 51.9	47.1 52.0	47.1 52.1	47.3 52.2	1 2 7 7 21
≥ 18000 ≥ 16000	51.9 52.3	52.2 32.6	52.2	52.3 52.7	52.4 52.8	52.4 52.8	52.4 52.8	52.4 52.8	52.4 52.8	52.5 52.9	52.5 52.9	52.5	52.6	52.6	52.8 53.2	52.9
≥ 14000 ≥ 12000	54.4 57.5	54.7 57.8	54.7	54.6	54.9	54.9 58.0	54.9 58.0	54.9	54.9 58.1	55.0 58.2	55.0	55.0	55.1 58.3	55.2 58.3	55.3	55.4
≥ 10000 ≥ 9000	62.3 64.0	52.6 64.4		62.7	62.8	62.8	62.9	62.9	62.9 64.8	63.0	63.0	63.1	63.1	63.2	63.4	63.4
≥ 8000 ≥ 7000	67.3	67.8	67.9	67.9	68.1	68.1	68.1	68.2	68.2 71.6	68.3	68.3 71.7	68.3	68.4	68.5	68.7 72.1	68.7 72.1
≥ 6000 ≥ 5000	72.2	72.9 76.1	73.3	73.1	73.2	73.2 76.5	73.3	73.3	73.3	73.5 76.7	73.5 76.8	73.5 76.8	73.6	73.7 77.0	73.8	73.9
≥ 4500 ≥ 4000	76.7 79.4	77.5	77.7	77.8	77.9	78.0	78.0 81.0	78.1 81.1	78.1 81.1	78.2 81.2	78.2 81.2	78.2	78.3	78.4 81.4	78.6 81.6	78.6
≥ 3500 ≥ 3000	87.9 83.2	81.9	82.1	82.3	82.5	82.6	82.6	82.7 85.5	82.7 85.5	82.9 85.7	82.9 85.7	82.9 85.7	83.1 85.9	83.1	83.3 86.1	
≥ 2500 ≥ 2000	83.9 84.7	85.4 86.4	85.7 86.8	85.9 86.9	86.3	86.4 87.5	86.5 87.7	85.6	86.6 87.9	86.8	86.8	86.9 88.1		87.1	87.3	87.3
≥ 1800 ≥ 1500	84.9 85.3	86.7 87.1	87.1 87.6	87.2 87.8	87.7	87.8	88.0	88.1	88.2 88.9	88.4	88.4	88.5 89.2	88.6	88.7	88.9 89.6	88.9
≥ 1200 ≥ 1000	85.8	88.7	88.5	88.7	89.3	89.4	89.7	89.9	90.0	90.2	90.2	98.3	90.4	98.5	98.7	98.8
≥ 900 ≥ 800	86.5	89.3	89.7	90.0	90.9	91.0	91.4	91.6	91.8	92.0	92.1	92.1	92.3	92.4	92.6	\$2.6
≥ 700 ≥ 600	86.9 57.2	89.7 90.1	92.4	90.7	91.7	91.9	92.2		92.8	93.1	93.2	93.3	93.4	93.5		93.8
≥ 500 ≥ 400	87.5 87.6	90.7	91.4	91.9	93.1	93.3	93.8	94.3	94.6			95.4 96.5	95.7		96.0 97.2	96.D
≥ 300 ≥ 200	87.7 87.7	91.1	92.0		94.2	94.4	95.1	95.9	96.3	97.1	97.5	97.6	98.0	98.2	98.5	98.6
≥ 100 ≥ 0	87.7 87.7	91.2	92.1	92.8	94.4	94.6	95.4	96.3	96.7	97.6	98.1	98.2 98.2	98.8	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS.

744

USAF ETAC TILES 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRIE

CATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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FAIRCHILD AFB WA

73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2020-0200

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES,						
·FEET·	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	≥1%	≥1 %	≥1	≥ 14	≥ >₁	≥ 7	≥5 16	≥.	≥0
NO CEILING ≥ 20000	61.4 54.4	61.1 64.6	61.2 64.7	61.Z 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.8	61.2 64.8	54.3	61.3
≥ 18000 ≥ 16000	65.7 66.4	65.8 66.6	65.9 66.7	65.9 66.7	65.9 66.7	65.9 65.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9 66.7	65.9 65.7	66.0 66.8	66.3 66.8	66.1 66.9	66.1 66.9
≥ 14000 ≥ 12000	68.2 75.1	68.3 70.2	68.4 79.3	68.4 70.3	65.4 70.3	68.4 73.3	68.4 70.3	68.4 70.3	68.4 70.3	68.4 70.3	68.4 70.3	68.4 70.3	68.6 70.4	68.6 70.4	68.7 70.6	68.7 70.6
≥ 10000 ≥ 9000	74 • 3 76 • 3	74.4		74.8 76.9	74.8 76.9	74.8 76.9	74.8 76.9	74.8 76.9	74.8 76.9	74 • 8 76 • 9	74.8 76.9	74.8 76.9	74.9 77.0	74.9 77.5	75.0 77.1	77.1
≥ 8000 ≥ 7000	78.9 31.1	79.1 81.3	79.3 81.6	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.6 81.8	79.6 61.8	79.7 81.9	79.7 81.9
≥ 6000 ≥ 5000	53.6 36.4	83.8 86.7	86.9	84.1 87.1	84.1 87.1	84.1 87.1	84.1 87.2	84.1 87.2	84.1 87.2	84.1 87.2	84.1 87.2	84.1 87.2	84.2 87.3	84.2 87.3	87.4	84.3 87.4
≥ 4500 ≥ 4000	87 89.6	87.3 90.0	87.6 90.2	87.8 90.4	87.8 90.4	87.8 90.4						87.9 90.6		88.0 90.7	90.8	88.1 90.5
≥ 3500 ≥ 3000	90.4 91.6	91.1 92.1	91.2 92.3	91.4 92.6	91.4 92.6	91.4 92.6		92.7	92.7	91.6 92.7	92.7	92.7	92.8	91.7 92.8	91.8 92.9	91.8 92.9
≥ 2500 ≥ 2000	92.0	92.6 93.1	93.3	93.0 93.6	93.0 93.6		93.1 93.7	93.1 93.7		93.1 93.7		93.1 93.7	93.2	93.2 93.8	93.3 93.9	
≥ 1800 ≥ 1500	92.9 93.1	93.4	93.7 94.2	93.9 94.4	93.9 94.4	93.9	94.6	94.0 94.6		94.7	94.0 94.7	94.7	94.8	94.1 94.8	94.2 94.9	94.9
≥ 1200 ≥ 1000	93•2 93•7	94.9	95.2	94.8	94 • 8 95 • 6	94.8	94.9 95.7	94.9 95.7	95.8 95.8	95•0 95•8	95.0 95.8	95.8 95.8	95.9	95.1 95.9	95•2 96•0	95.2 96.0
≥ 900 ≥ 800	93.9	95.1 95.2		95.7 95.8	95.8 95.9	95.8 95.9	95.9	95.9 96.£	96.0 96.1	96.0 96.1	96.0 96.1	96.0 96.1	96.2		96.2 96.3	96.2 96.3
≥ 700 ≥ 600	94.3	95.7 96.4	96.8	96.2	96.3	96.3	97.2			97.3	97.3		97.4	96.7	96.8 97.6	
≥ 500 ≥ 400	95•3 95•3	97.1		97.8 97.9	98.0	98.0 98.2				98.4 98.7	98.4		99.0		99.1	
≥ 300 ≥ 200	95.3 95.3	97.2 97.3	97.8 97.9	98.1	98.1 98.3		98.8	98.6	99.1	98.9	99.6	99.1		99.7	100.0	100.0
≥ 100 ≥ 0	95.3 95.3	97•3 97•3					98.8 98.8			99.3 99.3				1 1 1 1	700°0	100.0

TOTAL NUMBER OF OBSERVATIONS.

900

USAF ETAC TILL O-14-5 (OL A) MEVIOUS COMONS OF THIS FORM ARE OBSOLE

DATA PROCESSING BRANCH 3" 4F ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

A CONTROL OF THE PARTY OF THE P

FAIRCHILD AFB NA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	≥1%	≥1 4	≥1	≥ ¾	≥۶۹	≥ 2	≥ 5,16	≥ .	≥0
NO CEILING ≥ 20000	54.2 58.8	54.6 59.3	54.6 59.3	54.7 59.4	55.1 59.7	55.2 59.8	55.2 59.8	55.3 60.0	55.4 60.1	55.4 63.1	55.4 60.1	55.4 60.1	55.4 60.1	55.5 60.3	56.4 61.1	
≥ 18000 ≥ 16000	59.3	59.7 61.1	59.7 61.1	59.8 61.2	67.2	63.3	60.3	50.4	50.5 61.8	60.5 61.8	60.5	60.5	60.5 61.8	60.7	61.5	61.7
≥ 14000 ≥ 12000	62.8 65.6	63.3	63.3	63.4	63.7	63.8	63.8	64.5	64.1	64.1	64.1	64.1	64.1	64.3	65.1 67.9	65.3
≥ 10000 ≥ 9000	69.9	70.3	70.3	70.4	70.7	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.3	72.1	72.3
≥ 8000 ≥ 7000	75.4	76.1	76.1	76.2	76.5	76.6	72.7 76.6	72.9 76.8	76.9	76.9	76.9	76.9	76.9	77.1	77.9	74.2
≥ 6000 ≥ 5000	83.2	78.5	80.9	81.0	81.3	81.4	79.1 81.4	79.2 81.5	79.3 81.6	81.6	81.6	81.6	79.3 81.6	81.9	82-6	82.9
≥ 4500 ≥ 4000	84.5	84•1 85•3	85.3	85.5	85.9	86.0	86.0	84.8	84.9	84.9	86.2	86.2	84.9	85.1	85.9 87.2	87.4
≥ 3500 ≥ 3000	86.9 87.7	88.4		88.7	89.0	89.1	88.3	89.2	88.5 39.3		89.3	89.3	39.3	89.5	90.3	90.5
≥ 2500	84.5	90.3	90.3	90.5	90.3	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2		92.2	1
≥ 1800	89.9	90.7			91.3 91.5	91.7	91.4	91.5 91.8		91.7			91.9	91.9	92.9	93.1
≥ 1200	90.3	91.5		91.9	92.3		92.1	92.2 92.5	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.5 92.9	93.3 93.7	
≥ 1000	90.5 90.8	91.9	92.2	92.2	92.7	92.8	92.8	93.1	93.0 93.2	93.0 93.2	93.D 93.2	93.D 93.2	93.D 93.2	93.2 93.4	94.2	94.4
≥ 800	91.1	92.5	92.7 93.2	92.9	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7		94.7 95.3	94.9
≥ 600	91.7 92.3	93.7	94.9	94.4	95.2 96.0	95.3 95.1	95.3 96.1	95.4 96.2	95.6 96.3	95.6 96.3		95. 96.3	95.6	95.8	96.5	96.8
≥ 40C ≥ 300	92.9	95.7	95.8	96.1	96.9		97.1	97.2	97.8					97.6	99.0	98.6
≥ 200 ≥ 100	92.9	95.7	96.1 96.1	96.4	97.2	97.3	97.8	97.9		98.2	98.3		98.4	98.8	99.6	99.9
≥ 0	92.9	95.7	96.1	96.4	97.2	,	1	97.9		98.2				98.8		LGD.D

USAF ETAC AT 64 0-14-5 (OL A) PREVIOUS SUMONS OF THIS FOR

The Market Control of American States of the Control of the Contro

CATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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FAIRCHILD AFB WA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J600-0800

CEILING			_				VIS	BILITY ISTA	ATUTE MIL	ES)						
-FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 ?	≥2	≥1.⁄2	≥1%	≥1	≥ 1,	<u>≥</u> 3/g	≥ '•	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	49.1 52.3	49.5 52.7	49.7 52.9	49.8 53.1	53.1 53.4	50 • 1 53 • 4	50 • 1 53 • 4	50.1 53.4	59.2 53.5	50•2 53•5	50.2 53.5	50•2 53•5	5°•3 53•7	50.3 53.7	50.9 54.4	51.8 55.3
≥ 18000 ≥ 16000	53.5 54.5	53.9 54.9	54.2 55.2	54.3 55.3		54 • 6 55 • 6	54.6 55.5	54.6 55.6		54•7 55•7	54.7 55.7	54.7 55.7	54.9 56.0	54.9 56.0	55.6 56.6	56.5 57.5
≥ 14000 ≥ 12000	56.0 50.0	57.3 60.4	57.2 50.5	57.3 60.7	57.6 61.2	57.6 61.2		57.6 61.2		57.7 61.3	57.7 61.3	57.7 61.3	58.0 61.5	58.0 61.5	58.6 62.2	59.5 63.1
≥ 10000 ≥ 9000	64.8 66.3	65.3 66.7	65.5 67.0		65.1 67.5	66 • 1 67 • 5	66 • 1 67 • 5	66.1 67.5	66.2 67.6	56•2 67•6	66.2 67.6	66.2 67.6	66.4 67.9	66•4 67•9	67.1 68.5	68.1 69.5
≥ 8000 ≥ 7000	69.5 73.6	70.0 74.1	78 • 2 74 • 3	74.4	74.9	70.7	70.7	79•7 75•0	70.9 75.1	70.9 75.1	70.9 75.1	70.9 75.1	71.1 75.3	71.1 75.3	71.7 76.0	72.7
≥ 6000 ≥ 5000	75.3 79.5	75.8 79.5	76.3 79.2	76.1 79.3		75.5 79.8	76•5 79•8	76.6 79.9	76.8 80.0	76.8 80.0	76.8 80.0				77.6 83.9	78.6 81.9
≥ 4500 ≥ 4000	79.9 82.4	8 • 4	80.8 83.4	83.5	64.3	81.3 84.5	81.3	81.4 84.1	81.5 84.2	81.5 84.2	81.5 84.2	81.5 84.2		81.8 84.4	82.4 85.1	83.4 86.1
≥ 3500 > 3000	63.0 83.9	83.5 34.5	84.2 85.1	84.3 85.2	84.8 85.7	84.8 85.7	84 • 8 85 • 7	84.9 85.8	85.0 85.9	85.0 85.9	85.0 85.9	85.0 85.9	85.2 86.1	85.2 86.1	85.9 86.8	86.9 87.8
≥ 2500 ≥ 2000	85.1	85.5 85.8	86.1	86.2 86.4	87.0	86.7	86.7 87.0	86.8 87.1	86.9 87.2	87.3 87.3	87.0 87.3	87.0 87.3	87.2 87.5	87.2 87.5	87.9 88.2	88.9 89.2
≥ 1800 ≥ 1500	35.2 85.7	86.4 86.4	86.5 87.1	86.7 87.2		87.2	87.2 87.8	87.3 87.9	88.0		87.5 88.1	87.5 88.1	87.8 88.3	87.8	88.4	90.0
≥ 1200 ≥ 1000	36.1 86.9	87.2	89.1	38 • 1 89 • 3	89.9	88.7	88.7	88.8 90.0			90.3	90.3	99.5	89.2 90.5	89.9 91.2	99.9
≥ 900 ≥ 800	27.4 57.9	89.8	99.5	,		90.7 91.3					91.1	91.1 91.8			92.0	93.7
≥ 700 ≥ 600	88•€ 38•⊌	90.9 90.9		92.5	92.3			92.5	93.7	93.0	93.0	93.0 94.0	94.2	94.2	93.9	94,9
≥ 363 ≥ 400	89.1	91.7	y2.2	93.5	95.1	94.5	94.5	95.4	95.6		95.3	95.3 96.1	96.3	96.3	97.0	
≥ 300	89.1 89.1	91.9	93.3	94.0	95.7	95 • 8 95 • 8		96.4 96.6 95.6	96.7	97.4 97.4	97.6 97.7	97.6 97.7	98.0 98.1 98.1	98.1	98.8	99.7 100.0
≥ 100 ≥ 0	89.1					•				97.4		97.7	98.1			100.0

TOTAL NUMBER OF OBSERVATIONS

899

USAF ETAC FILES 0-14-5 (OL A) PREVIOUS ROTTING FORM ARE CHROLET

BAIA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14,14

FAIRCHILD AFB MA

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-1100

CEILING							VIS	BILITY IST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1%	≥1%	≥1	≥ 1.	و د ≤	≥ %	≥ 5,16	≥ ′₄	≥0
NO CEILING ≥ 20000	49.6 55.1	50.0 55.6	50.7 55.8	50 • 2 55 • 8	50.2 55.8	50.2 55.8	50.2 55.8	50.2 55.8	50.2 55.8	50 • 2 55 • 8	50.2 55.8	50.2 55.8	55.2 55.8		50.2 55.8	56.2 55.8
≥ 18000 ≥ 16000	55.8 56.2	56.2 56.7	56.4 56.9	56.4 56.9	56.4 56.9	56.4 56.9	56 • 4 56 • 9	56.4 56.9	56.4 56.9	56.4 56.9	56.4 56.9	56.4 56.9	56.4 56.9	56.4 56.9	56.4 56.9	56.4 56.9
≥ 14000 ≥ 12000	57.8 51.3	58.2	58.4 62.1	58.4 62.1	58.4 52.1	58.4 62.1	58 • 4 62 • 1	58 • 4 62 • 1	58.4 62.1	58.4 62.1	58.4 62.1	58.4 62.1	58.4 62.1	58.4 62.1	58.4 62.1	58.4 62.1
≥ 10000 ≥ 9000	66.7 58.1	67.2 68.7	67.6	67.6 69.5	67.6 69.0	67.6 69.0	67.7 69.1	67.7 69.1	67.7 69.1	67.7 69.1	67.7 69.1	67.7 69.1	67.7 69.1	67.7 69.1	67.7 69.1	67.7 69.1
≥ 8000 ≥ 7000	72.3 74.1	72.6 74.7	72.9 75.0	72.9 75.4	72.9 75.0	72.9 75.0	73.0 75.1	73.0 75.1	73.6 75.1	73.0 75.1	73.3 75.1	73.0 75.1	73.0 75.1	73.5 75.1	73.0 75.1	73.0 75.1
≥ 6000 ≥ 5000	75.8 77.6	76.3 78.2	76.7 78.6	76.7 78.6	76.7 78.7	76.7 78.7	76 • 8 78 • 8	76 • 8 78 • 8								76.8 78.8
≥ 4500 ≥ 4000	79.1 81.9	79.E 82.6	80.1 82.9	83.1 82.9	83•2 83•9	83.0 83.0	80.3 83.1					89.3 83.1	83.3 83.1			82.3 83.1
≥ 3500 ≥ 3000	63.3 67.0	84.1 87.8	84.5 88.2		84.7 88.3	84.7 88.3	84.8 88.4	54 • 8 88 • 4		84.8 88.4			84.8 83.4	84.8	84.8 88.4	84.8 88.4
≥ 2500 ≥ 2000	28.1 38.9	89.9 89.9		90.3			90.6		90.6	90.6	90.6	89.7 90.6	89.7 90.6			
≥ 1800 ≥ 1500	38.9 39.8	89.9 91.1	90.3 91.5	91.6	91.7	91.7	91.8		91.8	91.8	91.8	91.8		91.8	91.8	90.6 91.8
≥ 1200 ≥ 1000	90.9 92.4	92.4	93.1 95.2		95.8	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	93.6 96.2
≥ 900 ≥ 800	92.7 92.8	94 • 8 95 • E	95.4 95.8	96.2	96.6	96.6	96.8		96.9	96.9	97.0	96.4 97.0		97.6		96.4 97.0
≥ 700 ≥ 600	92.9 93.2	95.2 95.8	96.6			97.6	97.8		97.9	97.9	98.≘	98.0		98.0	98.0	97.2 98.0
≥ 500 ≥ 400	93.4	96.9		98.8			99.6		99.7	99.7	99.8	99.8		99.8	99.1	99.8
> 300	93.4	96.9		98.8			99.7		99.9	99.9	100.0	100.0	100.0	198.0	100.0 100.0	100.0
£ .50 ≥ ¢	93.4 93.4	96.9	97.9 97.9			-		99.9 99.9							170.0 190.0	

TOTAL NUMBER OF OBSERVATIONS

<u> 200</u>

USAF ETAC REAL 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORDICES

DATA PROCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2=.14

FAIRCHILD AFB MA

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES,						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	ביו≤	≥1 4	≥1	≥ کړ	ور ترّ	≥ '7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	36.3 45.7	36.3 45.7	36.4 45.8	36.4 45.8		36 • 4 45 • 8	36.4 45.8	36.4 45.8	36.4 45.8	36.4 45.8	36.4 45.8	36.4 45.8	35.4 45.8	36.4 45.8	36.4 45.8	36.4 45.8
≥ 18000 ≥ 16000	46.4 47.4	46.4	46.6 47.6	46.6 47.6		45.6 47.6	46.6	46.6 47.6	46.6 47.6	46.6 47.6	46.6 47.6	45.6 47.6	46.6	46.6 47.6	46.6 47.6	46.6 47.6
≥ 14000 ≥ 12000	48.9 50.7	48.9 50.7	50.8	49.0 50.8	49.0 50.8	49.0 50.8	49.C 50.8	49.0 50.8	49.0 52.8	49.0 50.8	49.8 55.8	49.0 50.8		49.0 50.8	49.0 50.8	49.0 50.8
≥ 10000 ≥ 9000	54.0 54.4	54.1 54.6	54.7	54.2 54.7	54.7	54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7
≥ 8000 ≥ 7000	57.3 59.0		68.0	57.6 60.0	57.6 60.0	57.6 60.0	57.6 60.0		60.0	57.6 60.0		57.6 67.0	57.6 60.0			
≥ 6000 ≥ 5000	67.8	58.1	58.2				62.7 68.2	62.7 68.2	62.7 68.2	62.7 68.2	62.7 68.2	68.2	62.7 68.2	62.7 68.2	62.7 68.2	62.7 68.2
≥ 4500 ≥ 4000	71. 79.2	71.3	71.4 79.8	71.4 79.8	71.4	71.4 79.8	71.4 79.8	79.8	71.4 79.8	71.4 79.8	71.4 79.8	71.4 79.8	71.4 79.8	71.4 79.8	71.4 79.8	71.4 79.8
≥ 3500 ≥ 3000	85.6 91.3	36.2 92.4	92.7	86.3 92.8	92.8	86.3 92.8	86.3 92.8		86.3 92.8		86.3 92.8	92.8	86.3 92.8	96.3 92.8	86.3 92.8	86.3 92.8
≥ 2500 ≥ 2000	92.4 93.4	93.6 94.6	94.8	93.9	93.9	94.9	93.9	93.9 94.9		94.9	93.9	93.9	93.9 94.9	94.9	93.9	93.9
≥ 1800 ≥ 1500	93.A 94.3	95.4	95.7	95.2 95.9	95.9	95.2 95.9	95•2 95•9	95.2 95.9	95.9	95.2 95.9	95.2 95.9	95.2 95.9	95.2 95.9	95.9	95.2 95.9	95.2 95.9
≥ 1200 ≥ 1000	94.9 95.1	96.6 97.3	97.6	97.0 98.0	97.0 98.0	98.0	97.0 98.0		98.0	97.0 98.0				98.1	97.8 98.1	97.0 98.1
≥ 900 ≥ 800	95•2 95•6	97.6 98.1	98.3	98.2	98.8	98.8		98.2 98.9	98.9	98•2 98•9			98.3 99.0	99.0		98.3
≥ 700 ≥ 600	95.7 95.0	98 • 5	98.5	98.9 99.2	99.2		99.0	99.3	99.3	99.0 99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500 ≥ 400	96.1 96.3	98 • 8 99 • 1	99.3	99.8	99.8	99.4	99.6	99.9	99.9	99.6	99.9	99.9		108.0	99.7	
≥ 300	96.3	99.1	99.3	99.8	99.8	99.8		99.9	99.9	99.9	99.9	99.9		100.0	100.0	
≥ 100	96.3 96.3	99.1 99.1					99.9		• -						100•0	

TOTAL NUMBER OF OBSERVATIONS,...

900

USAF ETAC ATE MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FAIRCHILD AFB KA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES:	 -					
4FEET1	≥10	≥6	≥5	≥4	≥3	≥2'7	≥2	21%	≥1'a	≥1	≥ ₹.	≥ 2-9	בי ≥	≥ 5-16	≥ 5	≥0
NO CEILING ≥ 20000	37.4 46.8	37.7 47.5	37.9 47.2	ı 1		37.9 47.2	37.9 47.2		37.9 47.2	37.9 47.2				37.9 47.2		37.9 47.2
≥ 18000 ≥ 16000	47.8 49.3	48.5	48.2 49.8			39.B	48 • 2 49 • 8	1	49.8	49.5	1	-	49.8		48.2 49.8	49.8
≥ 14000 ≥ 12000	51.2 54.7	51.4 54.9	55.1	55.1		55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1		55.1
≥ 10000 ≥ 9000	58.9 50.1		60.7	63.7		60.8	60.8	60.9	60.9	60.9	65.9	60.9		63.9	60.9	60.9
≥ 8000 ≥ 7000	63.4 68.0	68.3	64 • 3 68 • 6			68.7	68.7	68.8	68.8	66.8		68.8	68.8	68.8	68.8	68.8
≥ 6000 ≥ 5000	70.9	71.2	71.4	77.2		71.6		77.4	77.4	77.4		77.4	77.4	77.4	77.4	71.7
≥ 4500 ≥ 4000 ≥ 3500	27.6 36.7 89.1	50.9 87.1	87.2	87.2	27.3	87.3	87.3	87.6	87.6		87.6	87.6	87.6	87.6	87.6	97.6
≥ 3000 ≥ 2500	93.4	89.7 94.7 95.3	89.9 94.2 95.6	94.2	93.0 94.3	94.3		94.6	94.6	90.2 94.6 95.9	94.6	94.6	95.2 94.6 95.9	94.6	94.6	90+2 94-6 95-9
≥ 2000 ≥ 1800	95.1 95.4	95.8 96.1	96.1	96.5		76.1		96.3	96.3	96.3	96.3	96.3		96.3	96.3	
≥ 1500	95.7 96.0	96.8	96.5	96.7	96.8	96.8	96.8	97.0	97.0		97.0	97.0		97.B	97.0	97.0
≥ 1000	96.1	97.1	97.3	97.4	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800 ≥ 700	96.2	97.2	97.4	97.6		98.0	98.0	98.2		98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	96.3 96.4	97.9	98.1	98.3	1	98.8		99.0	99.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400 ≥ 300	96.4 96.4	98.1	98.3	98.6		99.1	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	96.4	98.1		98.6	99.1		99.3	99.6		99.8	99.9	99.9	100.0	100.0	130.0	100.0
≥ 0	96.4													C		180.0

USAF ETAC AN 44 0-14-5 (OL A) MEMOUS EDITIONS OF

EATA PROCESSING BRANCH LYAF ETAC AJE MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75324

FAIRCHILD AFB WA

72-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1853-2000

CEILING							VISI	BILITY STA	ATUTE MILI	E\$1						
reet	≥10	≥6	≥5	≥4	≥3	≥2 :	≥2	≥1 ?	≥1	≥1	≥ 1₀	25	≥ ,	≥5 16 ¦	≥ •	≥0
NO CEILING ≥ 20000	51.3 51.1	51.3 51.1			51.3 51.1		51.3 51.1	51.3 61.1		51.3 61.1	51.3 61.1	51.3 51.1		51.3 61.1	51.3 61.1	
≥ 18000 ≥ 16000	61.9 62.5	61.9 62.6	61.9 62.6	61.9 62.6	61.9 62.6	61.9 J2.6	51.9 62.5	61.9 62.6	61.9 62.6	61.9 62.6	61.9 62.6	61.9 62.6	61.9 62.6		61.9 62.6	61.9
≥ 14000 ≥ 12000	53.6 67.6	63.6 67.6	63.6 67.6	63.6 67.6		63.6 67.6	63.5 67.6		63.6 67.6	63.6 67.6	63.5 67.5	63.6 67.6	63.6 67.6	63.6 67.6	63.6 67.6	63.6 67.6
≥ 10000 ≥ 9000	71.3 72.9	71.4 73.5		71.4 73.0		71.4 73.0	71.4 73.0			71.4 73.0		71.4 73.9	71.4 73.0	71.4 73.0	71.4 73.0	71.4 73.C
≥ 8000 ≥ 7000	76.8 87.5	80.1	60.1	30.1	80.1	80.1		76.9 30.1	80.1	76.9 85.1	80.1	76.9 80.1	76.9 8J.1	76.9 80.1	80.1	
≥ 6000 ≥ 5000	33.1 37.1	83.1	87.2		67.2		83.1 87.2		87.2	83.1 87.2		83.1 87.2	83.1 87.2	83.1 37.2		83.1 87.2
≥ 4500 ≥ 4000	68.1 91.	91.1	91.1	91.1	91.1	91.1		91.1	91.1	86.2 91.1	38.2 91.1	88.2 91.1		91.1	91.1	91.1
≥ 3500 ≥ 3000	92.7	95.0	95.7	95.C	95.1	95.1	93.C	95.1	95.1	93.0 95.1	93.0 95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500 ≥ 2000	94.ã	95.9	95.9	95.9	96.1	95.4	96.2	96.2	95.4 96.2	95.4 96.2	95.4	95.4	95.4 96.2	95.4 96.2	95.4 96.2	96.2
≥ 1800 ≥ 1500	95.2 95.3	96.1	95.2		96.4	96.2	96.6	96.6	96.6			96.3		96.6	96.3 96.6	96.6
≥ 1200 ≥ 1000	95.7 95.8		96.7		97.0		97.4 97.6			97.4	97.2 97.4			97.4	97.2 97.4	97.2 97.4
≥ 900 ≥ 800	95.9 95.0	96.8	96.9	96.7 97.0 97.1			97.9	97.9	97.9	97.7 98.0 98.1	97.7 98.3	98.0	97.7 98.3 98.1	97.7 98.0 98.1	97.7 98.0 98.1	
≥ 700 ≥ 600	96.7	97.6	97.7	97.8		98.6	98.7	98.7	98.7	98.8		98 • 1 98 • 8 99 • 7	98.8	98.8	98.5	98.5
≥ 500 ≥ 400 ≥ 300	96.9		98.2	98.4 98.4	99.2	99.5		99.8		99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.9	98.0	98.2	98.4	99.2		99.8 99.8	99.8		99.9		99.9	99.9	100-0	100.0	150.0
≥ 100 ≥ 0	76.9	98.0	98.2	98.4	99.2	99.6	99.8	99.8		99.5	99.9			100-0		

TOTAL NUMBER OF OBSERVATIONS...

900

USAF ETAC 24 M 0-14-5 (OL A) PREVIOUS REPROVES OF THIS FORM ARE CREDIES

54T4 PROCESSING BRANCH CLAF STAC 417 MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24.14

FAIRCHILD AFB &A

75-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-5300

CEILING							VIS	BILITY 'STA	ATUTE MILI	ES						
.FEE1	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥17	21%	≥1	≥ کی	و∹≲	≥ 7	≥5 16	≥•	≥0
NO CEILING ≥ 20000	±2.7 57.8	62.7 67.8	62.7 67.8	62.7 67.8	57.8	62.7 67.8	52.7 67.8		62.7 67.8	62.7 67.8	62.7 67.8	62.7 67.8			62.7 67.8	52.7 67.8
≥ 18000 ≥ 16000	1.36 6.86	58.1 68.3	68 • 1 68 • 8		58.1 58.8	68 • 1 65 • 8	68 • 1 68 • 8	58.1 58.3	68.1 63.6	68.1 68.8		68.8	63.8	68.1 68.8	68.1 68.8	
≥ 14000 ≥ 12000	77.0 73.0	70.0	75.3	70.0 73.0	79.9 73.9	73.0 73.0	73.0	79.0 73.0	70.0 73.0	70.3 73.5	78.0 73.0	70.0 73.0		70-0 73-9	70.0 73.0	1 1
≥ 10000	76 • 8 77 • 8	76.8 77.8	76.8 77.3	76.8	76.8	76.8		76.9 77.9	76.9 7 7. 9	77.€ 78.€	77.0 78.0	77.0 78.0	77.0 78.0		77.8 78.3	77.0 78.0
≥ 5000 ≥ 7000	80.7	80.7	80.7 84.2	80.7 84.2	85.7 84.2	80.7 34.2		80.8 84.3	84.3	80.9 84.4	80.9 84.4	80.9 84.4	80.9 84.4	85.9 84.4	80.9 84.4	50.9 84.4
≥ 6000 ≥ 5000	35.8 88.8	55.9 89.1	35.9 39.1	85.9 89.1	85.9 89.2	85.9 89.2	89.3	89.3	86.0 89.3	86.1 89.4	26.1 39.4	86.1 87.4		86.1 89.4	86.1 89.4	86.1
≥ 4500 ≥ 4000	97.6 92.8	91.2 93.4	91.2 93.4	91.2 93.4	91.3 93.6	93.6	93.7	91.4 93.7	91.4	91.5 93.8	93.6	91.6 93.8		93.8	91.6 93.8	
≥ 3500 ≥ 3000	93.6 94.2	94.3 95.5	94.3	95.	94.4 95.1	94.4 95.1	94.6		94.6	94.7 95.3	94.7 95.3	94.7 95.3		94.7 95.3	94.7 95.3	94.7 95.3
≥ 2500 ≥ 2000	94.7 95.1	95.8 96.2	95.3 96.2	95.8 96.2	95 .9 95 .3	95.9 96.3				96.1 96.6	96.1 96.6	96.1 96.6	96.1 96.6	96.1 96.6	96.1 96.6	, ,
≥ 1800 ≥ 1500	95.1 95.1	96.3	96.3	96.2 96.3	96.3 95.4	96.3	96.5			96.6 96.7			96.7	96.6 96.7	96.5 96.7	96.6 96.7
≥ 1900 ≥ 1000	95.4 95.7	96.8	95.6	96.8 97.3		97.0 97.7			97.1 97.8	97.2 97.9	97.9			97.2 97.9	97.2 97.9	
≥ 900 ≥ 800	95•8	97.3	97.4 97.5	97.4 97.6	97.8 97.9	97.9	98.0	98.0	97.9 98.5		98.1	98.0 95.1	98.1	98.0 98.1	98.0 98.1	98.1
≥ 700 ≥ 600	95.8 96.0	97.8	97.5		97.9 98.2		98.3	98.3		98.4	98.1 98.4	98.1 98.4	98.1 98.4	93.1 98.4	98.1 98.4	98.4
≥ 500 ≥ 400	96.0 96.2	97.9	98.4 98.8	98.4		98.8	99.2	_			99.1	99.1 3 9.4	99.1 99.6	99.1 99.5	99.1	99.6
≥ 300 ≥ 200	96.3 96.3	98.5		99.2			99.7			99.7			100.0			100.0
≥ 100 ≥ 0	96.3 96.3	98.6			99.6 99.6				99.7 99.7	99.9			100.0 100.6		700°0 700°0	100.0

TOTAL NUMBER OF CREEKVATIONS......

900

USAF ETAG ARM 0-14-5 (OL A) PREMOUS EDMONS OF THIS FORM AND ORBITAL

DATA PROCESSING ERANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26114

C

FAIRCHILD AFB WA

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2.2	≥ 2	21%	≥1%	≥1	≥ ¾	≥ >4	≥ 1/2	≥ 5/16	≱ 4	≥0
NO CEILING ≥ 20000	50.2 56.5	50.4 56.7	! [50.5 56.6		50.6 56.9	50.6 56.9	51.6 57.0	50.7 57.0	50.7 57.0	50.7 57.0	50.7 57.0	50.7 57.0	50.7 57.1	50.9 57.3	51.0 57.4
≥ 18000 ≥ 16000	57.3 58.2	57.5 58.4		57.7 58.6	57.7 58.7	57 • 8 58 • 7	57 • 8 58 • 7	57.8 58.7	57.8 58.7	57.8 58.7	57.8 58.7	57.8 58.7	57.8 58.8	57.9 58.8		, ,
≥ 14000 ≥ 12000	59.9 62.9	63.1	60.2 63.2	60.2 63.2	62.3 63.3	60.3 63.3	60.3 63.3	60.3 63.4	60•4 63•4	60.4 63.4	60.4 63.4	60.4 63.4	60.4 63.4	60.4 63.4	63.6	60.8 63.8
≥ 10000 ≥ 9000	67.1 68.4	67.4 68.7	68.9	67.5 68.9	67.6 69.0		67.7 69.1	67.7 69.1	67.7 69.1	67.8 69.1	67.8 69.1	67.8 69.1	67.8 69.2	67.8 69.2	68.0 69.4	
≥ 8000 ≥ 7000	71.8 74.8	72.1	72.2 75.3	72.2			72.4	72.4 75.5	72.5 75.5	72.5 75.6		72.5 75.6	72.5 75.6	72.5 75.6	72.7 75.8	72.9 76.B
≥ 6000 ≥ 5000	77.1 80.8	77.4 81.2	81.3	77.6 81.4	77.7 81.5	77.7 81.5	77.8 81.6	77.8 81.6	77.8 81.6	77.9 81.6	77.9 81.6	77.9 81.6	77.9 81.7	77.9 81.7	78.1 81.9	78.3 82.1
≥ 4500 ≥ 4000	82.6 86.3	83.1		83.3 87.0	87.2			83.5	87.3			83.6 87.3	83.6 87.4	83.6	83.8 87.6	87.7
≥ 3500 ≥ 3000	88.2 90.6	91.3	91.5	91.6	91.8	91.8		91.9	91.9	91.9			89.4 92.0			89.8
≥ 2500 ≥ 2000	91.4	92.7	92.9		93.2	93.2	93.3	93.3			93.4		92.8		93.7	
≥ 1800 ≥ 1500	92.4 92.4	92.9	93.6	93.2	93.9	93.9		94.1	94.1	93.6	94.1				94.4	94.5
≥ 1200 ≥ 1000	92.8	94.7	95.1		95.6	95.6	95.7	95.7	95.8		95.8	95.8		95.9	96.1	96.3
≥ 900 ≥ 800	93.5	95.3	95.6		96.2	96.2		96.4	96.4	96.5	96.5			96.6	96.8	
≥ 700 ≥ 600	93.8 94.2	95.5 96.1	96.4	96 • 1 96 • 7 97 • 4	97.2	97.2	96.7 97.4 98.1			96.9 97.6 98.4	97.6	97.6	96.9 97.6 98.5	97.5 97.7 98.5		97.3 98.0 98.8
≥ 500 ≥ 400 ≥ 300	94.6 94.6	96.8	97.4	97.7	98.3	98.4		98.6	98.7		98.9	98.9	99.0	99.0		99.3
≥ 200	94.6	96.9	97.5		98.5	98.6	98.9	99.0	99.1		99.4	99.4	99.5	99.6	99.8	100.0
≥ 100 ≥ 0	94.6	96.9						-					99.5			100.0

TOTAL NUMBER OF OBSERVATIONS

7198

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDOLETE

CONTRACTOR OF THE PROPERTY OF

DATA- PROCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 FAIRCHILD AFB WA

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2 %	≥ 2	≥1%	≥114	≥1	≥ ¾	≥ 7/8	≥ ⅓	≥ 5/16	≥ ′,	≥0
NO CEILING ≥ 20000	65.7 71.3	55.9 71.5	65.9 71.5		65.9 71.5	65.9 71.5	66.0 71.6			71.6	71.6	66.0 71.6		1		
≥ 18000 ≥ 16000	72.3 73.1	72.5 73.3	72.5 73.3		72•5 73•3	72.5 73.3	72.6 73.4	72.6 73.4	72.6 73.4			72.6 73.4	72.6 73.4		72.6 73.4	72.6
≥ 14000 ≥ 12000	74.0 75.5		74.2		74 • 2 75 • 7	74.2 75.7	74.3 75.8	74.3 75.8	74.3 75.8	74.3 75.8	74.3 75.8	74.3 75.8	74.3 75.8		74.3 75.8	74.3 75.8
≥ 10000 ≥ 9000	79.8 82.8	80.0 83.0	30.0 33.0	80.0 83.0	83.0	83.0	80.1	80.1 83.1	80.1 83.1	8C.1 83.1	80.1 83.1	80.1 83.1	80.1 83.1	80.1	80.1	80.1
≥ 8000 ≥ 7000	86.2 89.5	86.5	86.5	89.7	86.5	86.5	86.6	86.6	86.6			86.6	86.6	86.6	86.6	86.6
≥ 6000 ≥ 5000	97.3	93.5 92.6	90.5 92.6	92.6	90.5 92.6	$\overline{}$	90.6 92.7	90.6 92.7	90.6 92.7	90.6 92.7	90.6	90.6 92.7	90.6 92.7	92.7	90.6 92.7	
≥ 4500 ≥ 4000	93.3	93.5	94.9	94.9	93.5		93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1
≥ 3500 ≥ 3000	95.4 96.2	95.6 96.5		96.5	95.6 96.5		95.7 96.6		95.7 96.6	95.7 96.6						
≥ 2500 ≥ 2000	96.8 97.0	97.1 97.7	97.1 97.7		97.1 97.7	97.7		97.8	97.2 97.8	97.2 97.8			97.2 97.8	97.2 97.8		97.8
≥ 1800 ≥ 1500	97.0 97.1	97.7 98.0	97.7 98.0	97.7 98.0	97.7 98.0	97.7 98.0	97.8 98.1		97.8 98.1	97.8 98.1	98.1	97.8 98.1	97.8	97.8 98.1	97.8 98.1	97.8 98.1
≥ 1200 ≥ 1600	97.1 97.4	98•1 98•5	98.1 98.5		98.1 98.5				98.2 98.6	98.6						98.6
≥ 900 ≥ 800	97.4	98.5 98.6		98.6	98.5 98.6	98.6	98.6 98.7	98.6 98.7	98 • 6 98 • 7	98.7	98.7	98.6 98.7	98.6	98.6		
≥ 700 ≥ 600	97.4 97.6	98.6		99.0	98.5 99.0	99.0	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7	98.7 99.1	98.7	98.7 99.1	
≥ 500 ≥ 400	97.8 98.0			99.7	99.4				99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.0 98.0	99.7		99.8	99.8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100 ≥ 0	98.0 98.0	99.7	99.7 99.7		1	99.8	- 1		99.9							100.0

USAF ETAC JULIA 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

64:14

FAIRCHILD AFB WA

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>6300-0500</u>

CEILING							VIS	BILITY (ST.	ATUTE MILE	ES)				 -		
(FEET)	≥10	≥6	≥5	24	≥3	≥22	≥2	≥1%	≥1%	≥1	≥ ¾	≥ ¾	≥ '>	≥ 5-16	≥ 44	≥0
NO CEILING ≥ 20000	59•5 64•7	59.9 65.2	67.0 65.3	60.C	60.1 65.4	60.1 65.4	60 · 1	60.2 65.5	60.2 65.5	50.2 65.5		60.2 65.5	60.2 65.5	60.3 65.6	60.5 65.8	
≥ 18000 ≥ 16000	65.7	56.1 67.1	66.2 67.2	65.2	66.3 67.3	66.3	66.3 67.3	66.5 67.4	66.5 67.4	66.5 67.4		66.5 67.4	66.5 67.4	66.6 67.5	66.8 67.7	66.9 67.8
≥ 14000 ≥ 12000	68.3 71.1	68.7 71.5	58.8 71.5	68.8 71.6	68.9 71.7	68.9 71.7	68.9 71.7	69.0 71.8	69.0 71.8	69.0 71.8		- 1	69.0 71.8	69.1 71.9	69.4 72.2	69.5 72.3
≥ 10000 ≥ 9000	76 • 2 78 • 0	76.7 78.4	76 • 8 78 • 5	76.8 78.5	1	76.9 78.6	76.9 78.6	77.C 78.7	77.0 79.7	77.1 78.8	77.1 78.8	77.1 78.8	77.1 78.8	77.2 78.9	77.4 79.1	77.5 79.2
≥ 8000 ≥ 7000	84.8	81.7 85.3	81.8 85.4	85.4		82.0 85.6		85.7	85.7	85.8	85.8	85.8				
≥ 6000 ≥ 5000	86.3 88.6	86.8 89.£	86.9 89.1	86.9 89.1	87.1 89.4	87.1 89.4	87.1 89.4	89.5	89.5	89.6	89.6	89.6	87.3 89.6		87.6 39.9	90.0
≥ 4500 ≥ 4000	89.7 97.1	90.8		90.9		91.1	90.5	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.1 91.6	91.7
≥ 3500 ≥ 3000	93.9	91.6	93.1			93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.9	94.0
≥ 2500 ≥ 2000	93.0 93.1	94.4	94.5	94.5	94.7	94.7	94.7		94.9	94.7 95.1	95.1	95.1	95.1	95.2	95.4	95.5
≥ 1800 ≥ 1500	93.1 94.7	95.5	95.5	95.6	95.9	95.9	95.9		96.1	96.2	96.2	96.2	96.2	96.3	96.6	96.7
≥ 1200 ≥ 1000	94.5	96.8 96.8	96.9	96.9	97.2	97.2		97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.4 97.8	
≥ 900 ≥ 800	94.8	96.8	97.1	97.1	97.4	97.4	97.4	97.6	97.6		97.7	97.7	97.7		97.8 98.1	98.2
≥ 700 ≥ 600	95.3 95.4 95.5	97•2 97•3	97.3 97.4			97.8		98.1	98.1	98.2	98.2	98.0 98.2 98.3	98.2	98.3	98.3 98.5 98.6	98.6
≥ 500 ≥ 400 ≥ 300	95.7 95.7	97.7			98.5	98.5		98.7		98.8	98.8	98.8	98.8		99.1	99.2
≥ 200	95.7 95.7	9 7. 7	98.0		98.5	98.5	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.1	99.7	1 1
≥ 100 ≥ 0	95.?	97.7			- 1	98.5		98.9		99.0		99.0				100-0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC PULSA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

-DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214

FAIRCHILD AFB WA

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-0800

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	21%	≥1¼	≥1	≥٤	≥ 2/9	≥'5	≥5/16	ە; ≤	≥0
NO CEILING ≥ 20000	58.3 63.7	58.7 64.1	58•7 64•1	58.7 64.1	58 • 8 64 • 2	58.8 64.2	58.8 64.2	58.8 54.2	58 • 8 64 • 2	58.9 64.3	58.9 64.4	58.9 64.4	58.9 64.4	58.9 64.4	58.9 64.4	59 • D 64 • S
≥ 18000 ≥ 16000	64.3 64.6	64.7 65.1	64.7 65.1	64.7 65.1	64.8	64.8 65.2	64.8 65.2	64.8	64.8 65.2	64.9 65.3	65.1 65.4	65.1 65.4	65.1 65.4	65.1 65.4	65.1 65.4	65 • 2 65 • 5
≥ 14000 ≥ 12000	65.7	66.5 70.2	66.5 73.2	66.5 70.2	66.6 70.3	66.6 70.3	66.6 70.3	66.6 70.3	66.6 70.3	66.7 70.4	66.8 70.5	66.8 70.5	66.9 70.6		66.9 79.6	67.0 70.8
≥ 10000 ≥ 9000	74.7 75.9	75.5 76.7				75.6 76.8	75.6 76.8		75.6 76.8	75.7 76.9	75 · 8	75.8 77.5	75.9 77.1		75.9 77.1	1
≥ 8000 ≥ 7000	79.2 82.2		30.1 83.0	80.1 83.0	60.2 83.1	80.2 83.1	80.2 83.1	80.2 83.1	80.2 83.1	80.3 83.2		89.4 83.3	85.5 83.4			
≥ 6000 ≥ 5000	83.8 66.5	84.6 86.9		34.6 86.9	84•7 87•0	84.7 87.0	84.7 87.0	84.7 87.0	84.7 87.0	84.8 87.1	84.9 87.2	84.9 87.2	85.1 87.3	85.1 87.3	85.1 87.3	
≥ 4500 ≥ 4000	86.3 87.4	87.3 88.6		87.4 88.7		87.5 88.8	87.5 88.8	87.5 88.8	87.5 88.8	87.6 88.9		87.7 89.0	87.8 89.1	87.8 89.1	87.8 89.1	58.€ 89.2
≥ 3500 ≥ 3000	87.8 88.9	90.2	89.1 90.3	89.1 90.3	89.2 90.4	89.2 90.4	89.2 90.4	89.2 90.4		89.4 99.5		89.5 90.6	89.6 90.8	89.6 90.8	89.6 90.8	
≥ 2500 ≥ 2000	89.2 89.2	91.4	91.4 91.6		91.7	91.5 91.7	91.5 91.7	91.5 91.7	91.5 91.7	91.6 91.8	91.9					
≥ 1800 ≥ 1500	89.2 89.5	91.9	91.7 92.2	91.8 92.3	91.9 92.4	91.9 92.4	91.9 92.4	91.9		92.0 92.5	92.6				92.3 92.7	1
≥ 1200 ≥ 1000	90.3	93.2	93.4	93.5	94.8	93.8	93.8 94.8	93.8 94.8	93.8 94.8	93.9 94.9	94.D 95.1	94.0 95.1	94.1 95.2	94.1 95.2		
≥ 900 ≥ 800	91.5	94.7 95.1	94.9	95.4 95.4	95.3 95.6	95.3 95.6	95.3 95.6	95.3 95.7	95.3 95.7	95.4 95.8	95.5 95.9	95.5 95.9	95.6 96.0			
≥ 700 ≥ 600	92.4	95.4 95.7		96.2			96.6		96.1 96.7	96.2 96.8	96.3 97.0	97.0	97.1	97.1		97.2
≥ 500 ≥ 400	92.4		96.7	96.9	97.3	97.ü 97.3			97.6		98.0			98.2	98.2	98.3
≥ 300	92.5 92.5	96.5	96.8	97.0	97.5	97.7	98.2	98.5	98.5	98.7	99.1	99.2	99.5	99.5	99.6	100.0
≥ 100 ≥ 0	92.5											99.2 99.2				100.0

TOTAL NUMBER OF OBSERVATIONS....

930

USAF ETAC ATLA4 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORDINE

DATA PROCESSING BRANCH USAF FTAC ATR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FAIRCHILD AFB WA

75-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MILI	E5)						
·fEET·	≥10	≥6	≥ 5	≥4	≥3	≥2.7	≥2	≥1%	≥1′2	≥1	≥ 3₀	≥ 3-9	≥ '5	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	55•3 62•8		55.5 63.0	55.5 63.0		55.5 63.0	55.5 63.0		55.5 63.0	55.5 63.0	55.5 63.0	55.5 63.0	55.5 63.0	55.5 63.0	55.5 63.0	55.5
≥ 18000 ≥ 16000	63.2 63.7	63.3 63.8	63.4	63.4	63.4 63.9	63.4	63.4	63.4	63.4 63.9	63.4	63.4	63.4	63.4 63.9	63.4 63.9	63.4 63.9	53.4 63.9
≥ 14000 ≥ 12000	65 • 4 68 • 7	65.6 68.1	65.7 68.2	65.7 68.2	65.7 68.2	65.7	65.7 68.2	65.7 68.2	65.7 68.2	65.7	65.7 68.2	65.7 68.2	65.7 68.2	65.7 68.2	65.7 68.2	65.7
≥ 10000 ≥ 9000	72.1 72.8	72•4 73•2	72.6 73.3	72.6 73.3	72.6 73.3	72.6 73.3	72.6 73.3		72.6 73.3	72.6 73.3	72.6 73.3	72.6 73.3	72.6 73.3	72.6 73.3	72.6 73.3	72.6 73.3
≥ 8000 ≥ 7000	74.9 77.0	75.3 77.7	75.5 77.8			75.6 77.9	75.6 77.9		75.6 77.9	75.6 77.9	75.6 77.9	75.6 77.9	75.6 77.9	75.6 77.9	75.6 77.9	75.6 77.9
≥ 6000 ≥ 5000	78.3 79.0	78.8 79.9	79.0 80.1	79.0 80.1	79.1 80.3	79.1 80.3	79.1 80.4	79.1 80.4	79.1 80.4	79.1 80.4	79.1 80.4	79.1 89.4	79.1 83.4	79.1 89.4	79.1 80.4	79.1 83.4
≥ 4500 ≥ 4000	87.1 62.7		81.4 84.2	81.4 84.2	81.6 84.4	81.6 34.4	81.8 84.6		81.8 84.6	81.8 84.6	,,	81.8	81.8 84.6	81.8 84.6	81.8 84.6	81.5 84.6
≥ 3500 ≥ 3000	85.6 88.4		87.2 90.2		90.4	87.4 93.4	87.6 90.6	90.6		87.6 90.6	,	87.5. 90.6	87.6 90.6	87.6 90.6	87.6 90.6	87.6 90.6
≥ 2500 ≥ 2000	90.1 90.7		92.1 92.6	92.1 92.8	93.0	92.4 93.0	92.6 93.2	93.2	92.6 93.2	92.6 93.2	92.6 93.2	92.6 93.2	92.6 93.2	93.2	92.6 93.2	92.6 93.2
≥ 1800 ≥ 1500	91.0 92.0		94.2	93.1 94.3	93.3 94.5	93.3 94.5	93.5 94.7	94.7	93.5 94.7		93.5 94.7	93.5 94.7	93.5 94.7	93.5 94.7	93.5 94.7	93.5 94.7
≥ 1200 ≥ 1000	93.2 93.5	96.3	96.0 96.7	96.1 96.8		96.3 97.0		97.2	97.2		97.2	96.6 97.2	96.6 97.2			
≥ 900 ≥ 800	93.9	97.7	98.1	98.2	98.5	97•7 98•5	98.0 98.7	98.7	98.7	98.0 98.7	98.7	98.0 98.7	98.8 98.7	98.7	98.7	98.0 98.7
≥ 700 ≥ 600	94.3	98.4 98.4	98.7 98.3	98.3	99.1	99.1 99.4	99.4	99.6	99.6			99.4	99.4		99.4	99.4
≥ 500 ≥ 400	94.3	98.5 98.5	98.9	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 300 ≥ 200	94 3 94 3	98 • 5 98 • 5	98.9	99.0		99.7 99.7	99.9	99.9	99.9	99.9 99.9	99.9			99.9 10 0. 0	100.0	
≥ 100 ≥ 0	94.3	98.5		99.0	99.7	99.7	99.9	1 1	99.9	99.9				100.0		Z - Z [

DATA PROCESSING BRANCH USAF ETAC AIR BEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

75-79

HAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-140

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1%	≥11%	≥1	ية ≲	≥3/8	≥ '>	≥5,16	≥ %	≥0
NO CEILING ≥ 20000	45.5 54.5	45.5 54.5		45.5 54.5	45.5 54.5		45.5 54.5	45.5 54.5	-	45.5 54.5					45.5 54.5	
≥ 18000 ≥ 16000	55.4 55.9	55.4 55.9	55.4 55.9	55.4 55.9	55.4 55.9		55 • 4 55 • 9	55.4 55.9	55.4 55.9	55•4 55•9		55.4 55.9	55.4 55.9		55.4 55.9	
≥ 14000 ≥ 12000	57.6 59.6	57.6 59.5	57.6 59.6	57.6 59.6	57.6 59.6		57.6 59.6	57.6 59.6	57.6 59.6	57.6 59.6		57.6 59.6	57.6 59.6	57.6 59.6	57.6 59.6	59.6
≥ 10000 ≥ 9000	63.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	53.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	63.1 64.4	63.1
≥ 8000 ≥ 7000	56.3 68.8	55•3 58•8		66.3 68.8	66.3 68.8		66.3 68.8		66.3 68.8	66.3 68.8		66.3 68.8	66.3 68.8	66.3 68.8	66.3 68.8	
≥ 6000 ≥ 5000	71.2 75.6	71.2 76.7	71.2 76.8	71.2 76.8		76.8	71.2 76.8				76.8		71.2 76.8		71.2 76.8	76.8
≥ 4500 ≥ 4000	79.1 £4.1	79.4 84.4	79.6 84.6	79.6 84.6	79.6 84.6	84.6	79.6 84.6				84.5		79.6 84.6	79.6 84.5	79.6 84.6	84.6
≥ 3500 ≥ 3000	89.5 94.1	89.9 94.6	94.8	90.1 94.8	94.8		90.1 94.8			90•1 94•8	90.1 94.8		90.1 94.8	90.1 94.8	90.1	
≥ 2500 ≥ 2000	95.9	96.6 97.3		97.5	97.5	97.5	97.5	97.5	97.5			97.5	96 • 8 97 • 5			97.5
≥ 1800 ≥ 1500	96.5 96.8	97.3 97.6		97.8	97.8	97.8		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.5 97.8	97.8
≥ 1200 ≥ 1000	97.5 97.8	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	98.8 99.1	99.1
≥ 900 ≥ 800	98.1 98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600	98 • 1 98 • 1	99.7	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0			100.0
≥ 500 ≥ 400	98.1	99.7	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	ioc.o	100.0	100.0	100.0	100.0	100-D
≥ 300	98.1 98.1	99.7	100.0	100.0	100.0		100.D	100.0	100.0	100.0	100.0	180 C	100.0	100.0	100.0	100-0
≥ 100 ≥ 0	98.1 98.1		1			1		7,7 7 7 7		1	(P, P - P - P			,,	7777	100-0

TOTAL NUMBER OF DESERVATIONS.

93

USAF ETAC ALS 0-14-5 (OL A) MENOUS BOTTONS OF THIS FORM ARE ORDUST

DATA PROCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24.14

C

FAIRCHILD AFB WA

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES:						
·FEET·	≥10	≥6	≥5	≥4	≥3	≥2'7	≥2	لاا≤	21%	≥1	<u>≥</u> 1,	هد ≷	≥ 15	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	48.5 59.7	48.7	48 • ∂ 60 • €	48.3 60.0		48.9 66.1	48.9 60.1	48.9 60.1			48.9 60.1	48.9 60.1	48.9	48.9 60.1	48.9 60.1	48.9 60.1
≥ 18000 ≥ 16000	61.5 62.7	61.7	61.9	61.9 63.0	62.0 63.1	62.0 63.1		62.0 63.1	62.0 63.1	62.0 63.1	62.0 63.1	62.0 63.1		62.0 63.1	62.0 63.1	
≥ 14000 ≥ 12000	54.5 54.5	64.2 64.8		64.3 65.0	64.4	54.4 65.1		54.4 65.1			64.4 65.1	64.4 65.1	64.4	64.4 65.1	64.4 65.1	64.4
≥ 10000 ≥ 9000	68.4 70.9	63.6			69.0 71.4			69.0 71.4			69.0 71.4	69.0 71.4	69.0 71.4	69.8 71.4	69.0 71.4	1
≥ 8000 ≥ 7000	73.4 77.0	73.7	73.9	73.9 77.7	74.0 77.8	74.0	74.0	74.0 77.8			74.0	74.8 77.8				74.0
≥ 6000 ≥ 5000	79.1 54.1	79.5		79.7 84.8	79.8 84.9	79.8	79.8	79.8			79.8 84.9		79.8 84.9	79.8	79.8	79.8
≥ 4500 ≥ 4000	85.6 89.5	95.4	86.7 90.6		86.9	86.9 95.7	86.9 90.7	86.9 90.7		86.9 90.7	86.9 90.7	86.9	86.9 90.7	86.9 90.7	86.9	86.9 90.7
≥ 3500 ≥ 3000	91.6 94.6	92.3		92.7	92.9	92.9 96.1	92.9 96.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9 96.1	92.9	92.9
≥ 2500 ≥ 2000	95.4 96.1	96.3	1 1	96.8 97.8			97.0 98.1	97.0 98.1		97.5	97.0		97.0 98.1	97.0 98.1	97.0 98.1	
≥ 1800 ≥ 1500	95.4 96.6	97.6	98 • 1 98 • 5	98.2	98.4	98.5		98 • 5 98 • 9	98.5		98.5 98.9	_	98.5 98.9	98.5 98.9		98.5
≥ 1200 ≥ 1000	96.9	98.4		98.9	99.1				99.2	99.2	99.2		99.2	99.2	99.2	1 1
≥ 900 ≥ 800	96.9 96.9	98.5 98.6		99.0	99.5	99.6	99.6	99.6				99.6	99.6	99.6	99.5	99.6
≥ 700 ≥ 600	97.1 97.0	98.7	99.1 99.1	99.2 99.2		99.9			99.9		99.9			99.9	99.9	99.9
≥ 500 ≥ 400	97.1 97.1	98.8		99.4							100.0			-,	- 4.20	100.0
≥ 300 ≥ 200	97.1 97.1	98.8									100.0					100.0
≥ 100 ≥ 0	97.1 97.1	98.8 98.8														100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC AS AS 0-14-5 (OL. A) PREVIOUS SOTTONS OF THIS FORM AND ORDINE

DATA PROCESSING BRANCH USAF ETAC AIR , EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFS WA

73-79

YAK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING					-		VIS	BILITY ISTA	ATUTE MILI	ES1	_					
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ′ე	≥2	215	≥1%	≥1	≥ ¼	≥ >9	≥ 'ז	≥5/16	د ج	≥0
NO CEILING ≥ 20000	56.5 67.2	56.9 67.5	56.9 67.5			57.2 67.9				57.2 67.9	57.2 67.9	57.2 67.9	57.2 67.9	57.2 67.9		57•2 67•9
≥ 18000 ≥ 16000	68 • 1 69 • 3	69.3 59.6	68 • 3 69 • 6	000.	68.4	68.6 69.9		68.6 69.9	68.6 69.9	68.6 69.9	68.6 59. 9	68.6 69.9	68 • 6 69 • 9	68.5 69.9		68.6 69.9
≥ 14600 ≥ 12000	71.4 73.5	71.7 73.8	71.7 73.8	71.8 73.9	71.8 73.9	72.1 74.1		72.1 74.1	72.1 74.1	72.1 74.1	72.1 74.1	72.1 74.1	72.1 74.1	72.1 74.1	72.1 74.1	72.1 74.1
≥ 10000 ≥ 9000	78.5 79.5	79.1 80.0	79.1 80.0	79.2 80.2	79•2 8ۥ2	79.4 80.4	79.4 80.4	79.4 80.4	79.4 80.4	79.4 80.4	79.4 80.4	79.4 85.4	79.4 82.4	79.4 80.4	79.4 80.4	79.4 80.4
≥ 8000 ≥ 7000	82•7 86•5	83.3 86.5	83.3 86.5		83.4 86.5	83.6 86.8	83.6 86.8	83.6 86.8	83.6 86.8	83.6 86.8	83.6 86.8	83.6 86.8	83.6 86.8	83.6 86.8	83.6 86.8	83.6 86.8
≥ 6000 ≥ 5000	87.2 92.5	97.7 91.0	87.7 91.0	87.8 91.3	87.8 91.3	88.0 91.5		88.0 91.5		88.0 91.5	88.0 91.5	98.0 91.5			88.0 91.5	88.0 91.5
≥ 4500 ≥ 4000	91.7 93.1	92•2 93•5	92.2 93.5	1	92.4 93.7	92.7 94.0		92.7 94.6	92.7 94.0	92.7 94.0	92.7 94.0	92.7 94.0		92.7 94.0	92.7 94.0	92.7 94.0
≥ 3500 ≥ 3000	94 • 1 95 • 3	94.7 96.1	94.7 96.1	94.9 96.3	94.9 96.3	95.1 96.5	95•1 96•5	95.1 96.5	95•1 96•5	95•1 96•5	95.1 96.5	95.1 96.5	95 • 1 96 • 5	95.1 96.5	95.1 96.5	95.1 96.5
≥ 2500 ≥ 2006	95.7 95.9	96.9	97.3	97.2 97.5	97.2 97.6	97.4 97.8		97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8
≥ 1800 ≥ 1500	96.1	97.3 97.4	97.4 97.5		97.8	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.5 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.D 98.1
≥ 1200 ≥ 1000	96.2 96.9	97.5 98.3	97.7 98.4	98•0 98•6	98•1 98•7	98.3 98.9	99.5	99.0		98.3 99.0	98.3 99.0	98.3 99.0	98 • 3 99 • B		98.3 99.0	98.3 99.8
≥ 900 ≥ 800	96.9 96.9	98.3 98.6	98.5 98.7	98.6 98.9	98.7 99.0	98.9 99.2	99.4	99.4			99.0 99.4	99.0 99.4	99.8 99.4	99.0 99.4	99.5	
≥ 700 ≥ 600	96.9	98.7	98.5 99.1	99.5	99.1	99.4	99.5 99.8	1		99.5 99.8	99.5 99.8	99.5 59.8	99.5 99.8		99.5	
≥ 500 ≥ 400	97.1 97.1	99.2	99.4			99.9	198.0	100.0 100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300 ≥ 200	97•1 97•1	99.2	99.4 99.4			99.9		100.0 100.0								100.0
≥ 100 ≥ 0	97•1 97•1	- 1	99.4	99.6				100.0 100.0								

OTAL NUMBER OF ORSERVATIONS

USAF ETAC ALS 0-16-5 (OL A) PREVIOUS ENTIRES OF THIS FORM ARE DEGLE

5378

-

C

DATE PROCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24,14

FAIRCHILD AFB WA

15-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY (ST	ATUTE MIL	ES,						
·FEET·	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥?	≥15	≥1'2	≥1	≥ ૌ,	≥ '9	<u>}</u>	≥5 16	≥ .	≥ი
NO CEILING ≥ 20000	64.1 70.5	64.7 71.1	64.7 71.1	64.7 71.1	64.7	64.7 71.1	54.7 71.1	64.7 71.1	54.7 71.1	54.7 71.1	64.7 71.1	64.7 71.1	64.7 71.1	64.7 71.1	64.7 71.1	64.7 71.1
≥ 18000 ≥ 16000	71.1	71.6 71.7	71.6 71.7	71.6	71.6	71.6 71.7	71.6	71.5 71.7	71.6 71.7	71.6 71.7	71.6 71.7	71.6 71.7	71.6 71.7	71.5 71.7	71.6 71.7	71.6 71.7
≥ 14000 ≥ 12000	73.5 76.1	74.1 76.7	74.1 76.7	74.1 76.7	74.1 76.7	74.1 76.7	76.7	74.1 76.7	74.1 76.7	74.1 75.7	74.1 76.7	74.1 76.7	74 • 1 76 • 7	74.1 76.7	74.1 76.7	74.1 76.7
≥ 10000 ≥ 9000	50.8 52.8	81.3 83.4		81.3 83.4	81.3 83.4	51.3 33.4	83.4	81.3	83.4	81.3 83.4	81.3 83.4	81.3 83.4	81.3 83.4	81.3 83.4	81.3 83.4	
≥ 8000 ≥ 7000	80.6	85.7 90.2	86.7 90.2	86.7 95.2		86.7 90.2		86.7 90.2		86.7 90.2	86.7 90.2		86.7 90.2	86.7 90.2	86.7 90.2	
≥ 6000 ≥ 5000	91.5 93.5	92.1	92.1 94.2	92.1 94.2	92.1 54.2	92.1 94.2	92.1 94.3	92.1 94.3		92•1 94•3	92.1 94.3	92.1 94.3	92.1 94.3	92.1 94.3	92•1 94•3	
≥ 4500 ≥ 4000	95.4	95.2	96.2	95.2 96.2		96.2	96.3		96.3	95.4 96.3	95.4 96.3		95.4 96.3	95.4 96.3		
≥ 3500 ≥ 3000	96.1 96.2	97.2	97.2	97.2 97.2			97.3	97.1 97.3			97.1 97.3		97.1 97.3	97.1 97.3		
≥ 2500 ≥ 2000	96.7	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	98.1		97.8 98.2			97.8 98.2	98.2	97.8 98.2			
≥ 1800 ≥ 1500	96.9	98.1 98.4		98 • 1 98 • 5		98.1 98.5	98.6	98.5	98.6	98•2 98•6	98.2 98.6	98.5	98.2 98.6	98.2 98.6	98.2 98.6	98.7
≥ 1200 ≥ 1000	97•1 97•3	98.5 98.7	98.8	98.6 98.8	98.6	98.6 98.8	98.9	98.7 98.9	98.7 98.9		98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7	
≥ 900 ≥ 800	97.3 97.3	98.7	98.8 98.5	98.8 98.8	98.8 98.8	98.8	98.9	98.9 98.9			98.9 98.9		98.9 98.9	98.9	98.9	
≥ 700 ≥ 600	97.5 97.6	98.7 99.2			99.5	99.5		99.1	99.1 99.6		99.1 99.6	99.1	99.1	99.1	99.1	
≥ 500 ≥ 400 ≥ 300	97.6 97.6	99.4	99.5		99.6 99.6	99.6	99.7	99.7 99.7	99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	
≥ 200	97.6 97.6	99.4	99.6	99.6	99.8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100 ≥ 0	97.6				99.8	- 1								99.9		00.0

TOTAL NUMBER OF OBSERVATIONS

926

USAF ETAC TOTAL 0-14-5 (OL A) MEMOUS SERICHS OF THIS FORM ARE COROLL

BATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24,14

FAIRCHILD AFB WA

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (ST	ATUTE MIL	ESI						
IFEET:	≥10	≥6	≥5	≥4	≥3	≥2,	≥2	≥15	≥1%	≥1	≥ 1.	≥ 3-9	25	≥5/16	و ≤	≥0
NO CEILING ≥ 20000	56•7 54•3	57.0 64.6	57.3 64.6	57.0 64.6			57.1 64.7	57.1 64.7	57.1 64.7	57.1 65.7	57.1 64.8	57.1 64.8	57.1 64.8	57.1 64.8	57.2 64.8	1
≥ 18000 ≥ 16000	65•2	55.5 56.2	65.5 66.2	65.5 66.2	1		65.6 66.3	55.6 56.3	65.6 66.3	65.6 66.3		65 • 6 56 • 4	65.6 65.4		65.7 66.4	65.7 66.4
≥ 14000 ≥ 12000	67.5 69.7	67.8 70.0	67.9 70.1	67.9 70.1	67.9°	47.9	68.0 70.2	58.0 70.2		66.0 70.2		68.0 70.2	68.0 70.2		68.0 70.3	68.1 70.3
≥ 10000 ≥ 9000	74.2 75.9	74.6 76.3	74.6 75.3	74.7 76.3	74 • 1 76 • 4	<u> </u>	74.7 76.4	74.8 76.4	74.8 76.4	74.8 76.5		74.8 76.5	74.8 76.5	74.8 76.5	74.8 76.5	74.9 76.6
≥ 8000 ≥ 7000	78.8 21.9	79.2 82.3	79.3 82.4	79.3 82.4	79•3 82•5		79.4 82.5	79.4 82.5	79.4 82.5	79.4 82.5		79.4 82.6	79.4 82.6	79.5 82.6	79.5 82.6	79.5 82.7
≥ 6000 ≥ 5000	83 .4 85 . 3	83.9 36.5	84.9 86.9	84.0 87.0	84.1 87.0	84.1 87.1	34.1 37.1	84.1 87.1	84.1 87.1	84.1 87.1	84.1 87.2	84.1 87.2	84.2 87.2	84.2 87.2	84•2 87•2	84.2 87.3
≥ 4500 ≥ 4000	37.6 89.6	88.2 93.3	88.3 90.5	88.3 90.5	88 • 4 90 • 6		88.5 90.6	88.5 90.7	38.5 90.7	88.5 90.7	8 8. 5 98.7	88.5 90.7	88.6 98.7	86.6 90.7	88.6 90.8	88.6 98.8
≥ 3560 ≥ 3000	91.4 93.2	92.1 94.1	92.3 94.3	92.3 94.3	92.4 94.4	92.4 94.4	92.5 94.5	92.5 94.5	92.5 94.5	92.5 94.5	92.5 94.5	92.5 94.5	92.5 94.5	92.5 94.5	92.6 94.6	92.6 94.6
≥ 2500 ≥ 2000	94 . u	95.2 95.7	95.4 95.9		95.5 96.1	95.5 96.1	95.6 96.1					95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.3	95.7 96.3
≥ 1900 ≥ 1500	94.5 94.9	95.8 96.3	96.0 95.5	96.1 96.6	96.2 96.7		96.3 96.8		96.3 96.8	96.3 96.9				96.4 96.9	96.4 96.9	96.4 97.0
≥ 1200 ≥ 1000	95.4 95.7	97.5									97.6 98.1		97.6 95.1	97.6 98.1	97.7 98.1	97.7 98.2
≥ 900 ≥ 800	95.8 95.9	97.7 98.3	98.2	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.3 98.6			
≥ 700 ≥ 600	96.2 96.2	98.1	98.4 98.6	98.7	98.6 98.9	99.1	98.7 99.0	99.1	99.1	98.8 99.1	98 · 8	98.8 99.1	98.8 99.2		98.9 99.2	98.9 99.2
≥ 500 ≥ 400	75.2 96.3	98.5 98.7	98.9	99.0	99.1 99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.3 99.5	99.5		99.4 99.5	99.4 99.6
≥ 300 ≥ 200	96.3 96.3	98.7 98.7	98.9 98.9	99.0		99.4		99.6	99.6	99.7	99.7	99.7 99.7	99.7 99.8		99.9	100.0
≥ 100 ≥ 0	96.3 98.3	98•7 98•7	98.9	99.0 99.0		99.4 99.4							99.8 99.8			100.0 100.0

TOTAL NUMBER OF OBSERVATIONS,

7430

USAF ETAC ALM 9-14-5 (OL A) INTRODE SERVING OF THIS FORM ARE CRECK

5379

DATA PROCESSING BRANCH USAF STAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

C

JANUA FAIRCHILD AFS WA

FERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	-						ViS	BILITY -STA	TUTE MUL	F5.						
FEET	≥;0	≥6	≥5	≥4	≥3	≥2 ¬	≥2	<u>∼</u> ا≤	215	≥1	≥ 1,0	≥'•	≥>	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	71.3	71.3 75.7	71.4 75.8		71.4	71.4 75.5	71.4 75.8	71.4	71.4 75.8	71.4 75.8	71.4 75.8	71.4	71.4 75.8	71.4 75.8	71.4 75.8	71.4
≥ 18000 ≥ 16000	75.9 76.3	75.9	75 · 3	75.C	75.0 76.4	76.4	76.0 76.4		75.0 75.4	76.0 76.4	76.0 76.4	76.5 76.4	76.0 76.4	76.8 76.4	76.0 76.4	76.0 76.4
≥ 14000 ≥ 12000	78.4	78.4	79.6	79.6 81.7	78.6 81.7	78.6	78.6 81.7		73.6	78.6 81.7	78.5 81.7	78.6 81.7	78.6 81.7	78.5 81.7	78.6 81.7	78.6
≥ 10000 ≥ 9000	26.6	86.8	86.9 88.0	87.0 88.1		87.C	87.0		87.0 89.1	87.2 88.1	87.1 88.1	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1
≥ 8000 ≥ 7000	89.9	90.1 92.3	90.2	90.3	90.3	98.3 92.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3 92.6	
≥ 6000 ≥ 5000	93.6	93.8	93.9	94.9	94.D	94.0	94.0 95.0	94.6	94.D 95.C	94.8	94.0	94.0 95.0	94.0	94.0	94.0 95.3	94.0
≥ 4500 ≥ 4000	95.1	95.4 96.3	95.5 96.4	95.7	95.7	95.7	95.7 96.6	95.7	95.7	95.7	95.7	95.7 96.5	95.7	95.7 96.6	95.7 96.5	
≥ 3500 ≥ 3000	96.1 96.8	96.5	96.7 97.3	96.6	96.8	96.8 97.4		96.8	96.8 97.4	96.8	96.8	96.8		96.8 97.4	96.8 97.4	
≥ 2500 ≥ 2000	97.0 97.3	97.7 98.1	97.5 98.2	97.9	97.9	97.9	97.9	97.9	97.9 98.3	97.9	97.9 98.3	97.9	97.9 98.3	97.9 98.3	97.9 98.3	97.9
≥ 1800 ≥ 1500	97.3	98.1	98.2	98.3 96.4	98.3	98.4 98.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3 98.4	98.3	98.3
≥ 1700 ≥ 1000	97.6	78.3	98.4	98.6	98.4 98.5	98.5	98.6	98.6	98.4	98.6	98.4	98.4	98.4	98.6	98.4	98.6
≥ 900 ≥ 800	97.6	98.4	98.6	98.7 95.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7 98.7	98.7	
≥ 700 ≥ 600	97.6 97.9 98.1	98.7	98.8 99.2	98.9 99.3 99.6	98.9	98.9	98.9	99.3	98.9	99.3	98.9	98.9		98.9	98.9	
≥ 500 ≥ 400	98.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300 ≥ 200	98.1	99.3	99.5		99.9	99.7	99.9	99.9	99.7	99.9	99.9	99.7	99.7	99.7	99.7	99.9
≥ 100	98.1 98.1	- 1	99.8			99.9		99.9	99.9	100.0	100.0	100.0	100.0	,,,,,,,	130.C	10.0
≥ 0	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	120-0	100.C	100.0	130.0	rca•0	100.0	100-8

USAF ETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY !

FAIRCHILD AFE AA

69-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERING					_		vis	Stille Sta	ITUTE MUL	ES						
·FEET	≥10	≥6	≥5	≥4	≥3	≥27	≥2	217	≥1′•	≥1	ية ج	≥10	≥ >	≥5 1#	≥.	≥0
NO CERING ≥ 20000	66.3 57.9	56.9 59.9	66.3 69.9		- 1	1		55.9 59.9	1	55.0 69.9	56.7 69.9	65.0 69.9		66.5 69.9	66.0 69.9	,
≥ 18000 ≥ 16000	7°•1	70.1 70.9	70.1 79.9		70.1 70.9	7		70.1 70.9		70•1 76•9	70.1 70.9			70.1 79.9		
≥ 14000 ≥ 12000	73.4 75.6		73.4 75.6				_ ` ` `	73.4 76.6	76.5	76.6		73.4 76.6	75.5	73.4 76.6	73.4 76.6	73.7 76.8
≥ 9000	81.8 34.0	34.0	84.3	84.0	84.0	81.8	84.5	84.0	34.7	34.0	34.3	84.0	64.0		84.5	
≥ 8000 ≥ 7600	57.0 39.1	57.0 59.1	39.1	89.1	89.1	89.1		89.1	39.1		89.1	89.1	89.1		89.1	89.3
≥ 6000 ≥ 5000	91.1			93.1 92.9	92.9			92.9	92.9	92.9		92.9	92.9	92.9	92.9	93.1
≥ 4500 ≥ 4000	93.2 94.1	93.4	94.2	94.2	94.2	94.2	94.2	93.4	94.2	94.2	93.4 94.2	94.2	94.2	93.4 94.2	94.2	93.7
≥ 3500 ≥ 3000 ≥ 2500	94.7	95.	95.	95.1	95.0 95.1		95.1	95.0 95.1	95.1	95.1	95-1	95.1	95.1		95.1	
≥ 2000 ≥ 2000 ≥ 1800	94.9 95.2		95.5	95.7		95.2	95.5	95.8 95.8		95.8	95.8 95.8	95.5				96.0 96.0
≥ 1500 ≥ 1700	95.4 95.7	95.5 95.0	95.5	95.9	96.0	96.0	95.0	96.6	96.C	96.3		96.2	96.C	96.0		96.2
≥ 1000	95.2 96.2	96.6	95.6	96.7	96.9	95.9	96.9		96.9	96.9	96.9	96.9	36.9	96.9	96.9	97.1
≥ #90 ≥ 700	95.6	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.7
≥ 600	97.3	97.9			98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.6
≥ 400	97.6	98.3 98.6	98.9		99.1	99.1	99.1	99.4	99.1	99.1	99.2	99.2	99.2	99.2 99.7	99.2	
≥ 200 ≥ 100	97.6	98.6					99.4	99.4	99.6 39.7					99.7 99.8		.9.9 100.0
≥ 0	97.6	98.6	99.0	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.5	100.0

DATA PROCESSING BRANCH USAF ETAC ATR NEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24:24

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FAIRCHILD AFB WA

69-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (STA	ATUTE MILE	(S)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥1%	≥۱	≥ ¾	≥ ⅓	≥ 13	≥5/16	≥ ,	≥0
NO CEILING ≥ 20000	62.6 67.3	62.6 67.3	62.6 67.3		62.6 67.3	62.6 67.3	62.6 67.3		62.6 67.3	62.6 67.3	62.6 67.3	62.6 67.3	62.7 67.4	62.8 67.6	62.8 67.6	63.0 67.8
≥ 18000 ≥ 16000	67.7 68.3	67.7	67.7 68.3	67.7 68.3	68.3	68.3	67.7 68.3		67.7 68.3	67.7 68.3	67.7 68.3	67.7 68.3	67.8 68.4	67.9 68.6	67.9	68.1
≥ 14000 ≥ 12000	69.8	69.8 74.7	69.8 74.7		74.8	69.9 74.8	69.9 74.8	74.8	69.9 74.8	69.9 74.8	69.9 74.8	69.9 74.8	70.0	70.1 75.0		70.3
≥ 10000 ≥ 9000	30.0 82.3	80.0 82.3	80.0 82.3		82.4	8J.1 82.4	80.1		80.1 82.4	80.1	80.1 82.4	80.1 82.4	80.2 82.5	80.3	80.3	80.6
≥ 8000 ≥ 7000	65.2 66.9	85.2	86.9	85.2	87.D	85.3 87.0	85.3 87.0	87.0	85.3 87.0			85.3 87.0	85.4	85.6	85.6	85.8
≥ 6000 ≥ 5000	38.8 93.2	90.4	90.6		90.7	88.9 98.7	88.9 90.7	90.7	88.9 90.7	86.9 90.7	88.9 90.7	90.7	89.0 90.8	90.9	89.1 90.9	89.3 91.1
≥ 4500 ≥ 4000	91.9	92.3	91.0	91.0 92.4		91.1	91.1 92.7		91.1	91.1	91.1 92.7	91.1 92.7	91.2 92.8	91.3		91.6 93.1
≥ 3500 ≥ 3000	92.1 92.3	92.6 92.8	92.8 93.0	92.8 93.0	93.2	93.C 93.2	93.0 93.2	93.2	93.0 93.2	93.1		93.1 93.3	93.2	93.3 93.6	93.3	93.6
≥ 2500 ≥ 2000	92.4	92.9	93.1 93.7	93.1	93.9	93.3	93.3	93.9	93.3	93.4	93.4	93.4	93.6	93.7	93.7	93.9
≥ 1800 ≥ 1500	92.8 92.8	93.6 93.7 94.6	93.8 93.9	93.9 94.0	94.2	94.2	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.6 94.7	94.6 94.7 95.6	94.9
≥ 1200 ≥ 1000	94.6	95.4	95.8 96.0	95.9	96.1	95.1 96.1 96.3	95.1 96.1 96.3	95.1 96.1	95.1	96.3		95.3 96.3	95.4	95.6 96.6 96.8	96.6 96.8	96.8
≥ 900 ≥ 800	95.2		96.4	96.6	97.0	97.0	97.0	97.E	96.3 97.0 97.3		97.2	96.6 97.2 97.7	96.7 97.3	97.4	97.4 97.9	97.7 97.7
≥ 700 ≥ 600	95.8		97.0	97.1	97.7	97.7	97.7	97.7	97.7	97.6 97.9 98.2	98.5	98.0	98.1	98.2	98.2	98.4
≥ 500 ≥ 400 ≥ 300	95.9	97.1	97.6	97.7	98.6	98.6	98.0 98.6 99.1	98.6			98.9	98.9	99.0		99.1	99.3
≥ 200	95.9	97.6	98.0	98.1	99.1	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.6	99.7	99.7	100.0
≥ 100	95.9				99.1	* * * * * * * * * * * * * * * * * * * *						99.4	99.6	1		100.0

TOTAL NUMBER OF OBSERVATIONS_

980

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2+114 STATION FAIRCHILD AFB WA

59-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

(FEET)	≥10	≥6						BILITY (STA		,						ì
NO CEILING	/ 6		≥5	≥4	≥3	≥2%	≥2	≥1½	≥1%	≥1	≥¾	≥%	≥%	≥ 5/16	2 W	≥0
1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	69.3	60.3	68.3	60.3	60.3	60.3	66.3
	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
	67.4	67.4	67.4	67.4	67.4		67.4	67.4	67.4	67.4	67.4	67.4		67.4	67.4	67.4
	69.2	69.2	69.2	69.2	69.2		69.2		69.2	69.2	69.2	69.2	69.2		69.2	69.2
≥ 12000	73.2	73.2	73.2	73.2	73.2		73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
	80.1	80-1	80.1	80.1	87.1	80.1	80.1	80.1	80.1	8C.1	80.1	80.1	811.1	80.1	80.1	80.1
	63.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	33.8	83.9		83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
	85.7	86.0	86.9	86.A	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	87.4	88.3	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88,9	88.9	88.9
≥ 4500	38.7	89.5	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	90.2	91.1	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	91.3	92.2	92.4	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	94.2	95.1	95.4	95.7	95.9	96.0	96.0	96.0	96.0	96.€	96.0	96.D	96.0	96.0	96.0	96.0
≥ 2500	94.5	95.4	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	95.4	96.3	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	95.4	96.4	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	95.8	96.8	97.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	96.1	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	96.9	98.3	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	96.9	98.3	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.1	98.7	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.1	98.7	99.2	99.4	99.7	99.8	99.8			99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.1	98.7	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.8
≥ 500	97.1	98.7	99.2	99.4					$\overline{}$	99.8		99.8	99.8		99.8	99.8
≥ 400	97.1	98.8	99.3							99.9	99.9				99.9	
≥ 300	97.1	98.9		99.7		100.0					100.0					100.0
≥ 200	97.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0				~ ~ ~ ~ ~		-,		
≥ 100	97.1	98.9				100.0										
≥ 0	97.1	98.9	99.4	99.7		100.0										

TOTAL - JUMBER OF OBSERVATIONS_____

TOTAL HOMBER OF OB

900

USAF ETAC JULIA 0-14-5 (OL A) MEYOUS EDITIONS OF THIS FORM ARE ORSOLET

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

0-70

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (151)

CEILING							vis	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥14	≥1	≥ ¾	≥ ¾	≥ %	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	56.2 63.8	56.2 63.8	56.2 63.8	56.2 63.8	56.2 63.8	56•2 63•8	56.2 63.8	56 • 2 63 • 8	56.2 63.8	56.2 63.8	1 1	56.2 63.8	56.2 63.8	56.2 63.8	56.2 63.8	56.2 63.8
≥ 18000 ≥ 16000	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8	:	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8	63.9 64.8
≥ 14000 ≥ 12000	66•3 68•9	66.3 68.9	66.3 68.9	66.3 68.9	66.3	66.3 68.9	66.3 68.9		56.3 68.9	66.3 68.9	66.3 68.9	66.3 68.9	66.3 68.9	66.3 68.9	66.3 68.9	66.3 68.9
≥ 10000 ≥ 9000	72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4		72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4	72.9 74.4
≥ 8000 ≥ 7000	77.3 78.9	77.3 78.9	77.4 79.0	79.0	77.4 79.0	77.4 79.0	77.4 79.0	77•4 79•0	77.4 79.0	77.4 79.0	77.4 79.0	77.4 79.5	77.4 79.0	77.4 79.0	77.4 79.0	77.4 79.8
≥ 6000 ≥ 5000	87.2 83.8	80.2 84.5	84.1	84.1	80.3	80.3 84.1	80.4 84.2		80.4 84.2	80.4 84.2	80.4 84.2	80.4 84.2	80.4 84.2	80.4 84.2	80.4	80.4
≥ 4500 ≥ 4000	86.9 91.2	87.2 91.7	87.3 91.6	91.8	87.3 91.8	87.3 91.8	91.9		87.4 91.9	87.4 91.9	87.4 91.9	87.4 91.9	87.4 91.9	87.4 91.9	97.4 91.9	91.9
≥ 3500 ≥ 3000	93.8 96.2	94.2	94.3 96.8	96.8	94.3	94.3 96.8	96.9	96.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500 ≥ 2000	97.0 97.7	97.4	97.6 98.3	98.3	97.6 98.3	97•6 98•3	98.4		97.7 98.4	97•7 98•4	97.7 98.4	97.7 98.4	97.7	97.7 98.4	97.7 98.4	97.7 98.4
≥ 1800 ≥ 1500	97.8 98.2	98•3 98•8	98.4 98.9	نتنا	98.4 98.9	98•4 98•9	99.0	99.0		99.0	99.0	98.6	98.6	99.0		
≥ 1200 ≥ 1000	98.4 98.6	99.2	99.5	99.3	99.3	99.3	99.7	99.7	99.4	99.4	99.4	99.4 99.7	99.4	99.7	99.4	99.4
≥ 900 ≥ 800	98.6 98.8	99.4	99.6	99.8	99.6	99.8	99.9		99.7			99.7		99.7	99.7	
≥ 700 ≥ 600	98.8	99.4	99.8	99.9			186.0	100.0		100.0	100.0		100.0	100.0	99.9 100.0	100.0
≥ 500 ≥ 400	98.8 98.8	99.4	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.8 98.8	99.4	99.8		99.9	99.9	100.0	ino.ô	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 100 ≥ 0	98.8 98.8	99.4	99.8		99.9			2			100.0					

TOTAL NUMBER OF OBSERVATIONS....

900

USAF ETAC JUL 44 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF EYAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB NA

40**~7**0

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≱1	≥¾	≥ ¾	≥5	≥5/16	23	≥0
NO CEILING ≥ 20000	56 • 7 65 • 8	57.1	57.1 66.2	57.2 66.3	57.2 66.3	57.2 66.3	1 1 2	57.2 66.3	57.2 66.3	57.2 66.3	57.2 65.3	57.2 66.3	57.2 66.3	57.2 66.3	57.2 66.3	
≥ 18000 ≥ 16000	66.8	67.2	67.2	67.3 67.8	67.3 67.8	67.8	67.8	67.3 67.8	67.3 67.8	67.3 67.8	67.3 67.8	67.8	67.3 67.8		67.3 67.8	- ,
≥ 14000 ≥ 12000	69.7	70.1	73.1	70.2	70.2	70.2	7D.2	70.2	70.2 73.4	70.2 73.4	70.2 73.4	70.2	70.2		70.2 73.4	70.2
≥ 10000 ≥ 9000	77.1	77.6	77.6	77.7 80.9	77.7 80.0	77.7	77.7	77.7	77.7 80.0	77.7 80.0	77.7 80.0	77.7 80.0	77.7 80.0	77.7	77.7 80.0	77.7
≥ 8000 ≥ 7000	32.1 84.1	82.6	82.6		82.7	82.7	82.7	82.7 84.7	82.7	82.7 84.7	82.7	82.7	82.7	82.7 84.7	82.7	
≥ 6000 ≥ 5000	85.7 88.7	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6 89.7	86.6	85.5	86.6	86.6
≥ 4500 ≥ 4000	90.4	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4 95.6	91.4
≥ 3500 ≥ 3000	95.8 96.8	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8		96.8 97.8	96.8
≥ 2500 ≥ 2000	97.4	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4		98.4	98.4
≥ 1800 ≥ 1500	98.2	99.4	99.0	99.2	99.2	99.2		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200 ≥ 1000	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700 ≥ 600	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9
≥ 500 ≥ 400	98 • 8 98 • 8	99.7	99.8	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.8 98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.8 98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

90

USAF ET1C JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25114

FAIRCHILD AFB WA

9-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥272	≥ 2	21%	≥1%	≥1	≥ ¾	≥ >>	ټ.	≥ 5/16	≥	≥0
NO CEILING ≥ 20000	61.6	61.6		51.8 71.0	61.8 71.0	61.8 71.0			61.8 71.0				61.8 71.0	61.8 71.0	61.8 71.8	61.8 71.0
≥ 18000 ≥ 16000	71.8 72.4	71.8 72.4	72.1 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7	72.0 72.7
≥ 14000 ≥ 12000	74 • 8 78 • 3	74.3 78.3	75.G 78.6	75.0 78.6	75.0 78.6	75.0 78.6	75.0 78.5	75.0 78.6	75.0 78.6			75.0 78.6		75.0 78.6	75.0 78.6	75.0 78.6
≥ 10000 ≥ 9000	84 • 3 86 • 4	84.3 86.4	84.6 86.7	84.6 86.7	84.6 86.7	84.6 86.7		84.7 86.5	84.7 86.8	84.7	84.7 56.8	84.7 86.8		84.7 86.8	84.7 86.8	84.7 86.8
≥ 8000 ≥ 7000	88.4 92.2	88.4 92.2	88.7 92.4	88.7 92.4		88.7 92.4	88.8 92.6	88.8 92.6	88.8 92.6		88.8 92.6	88.8 92.6	88.8 92.6	88.8 92.6	88.8 92.6	88.8 92.6
≥ 6000 ≥ 5000	93.8 95.2	93.9 95.3	94.1 95.7	94.1 95.7	94.1 95.8	94.1 95.8	94.2 95.9		94.2 95.9	94.2 95.9	94.2 95.9	94.2 95.9	94.2 95.9	94.2 95.9	94.2 95.9	94.2 5.5.9
≥ 4500 ≥ 4000	95.8 97.1	95.9 97.2	96.2 97.6	96.2 97.6		96.3 97.7		96.4 97.8			96 • 4 97 • 8	96.4 97.8		96.4 97.8	96.4 97.3	96.4 97.8
≥ 3500 ≥ 3000	97.9 98.1	98.3 98.3	98.3 98.7	98.3 98.7	98•4 98•8	98 • 4 98 • 8		98.6 98.9	98.6 98.9				98.6 98.9	98.6 98.9	98.6 98.9	98•6 98•9
≥ 2500 ≥ 2000	98.4 98.6	98•7 98•8	99.1 99.2	99.1 99.2		99.2 99.3		99.3 99.4	1	99,3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4
≥ 1800 ≥ 1500	98.6 98.7	98.8 98.9		99.3	99.3 99.4		99•4 99•6	99.4 99.6			99.4 99.6	99.4	99.4	99.4 99.6	99.4	99.4 99.6
≥ 1200 ≥ 1000	98.7 98.8	98.9 99.5	99.3 99.4	99.3 99.4	99.4	99.6	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
≥ 900 ≥ 800	98.8 98.8	99.0	99.4 99.4	99.6	99.7 99.8	99.8	99.9 100.0	99.9 100.0			99.9 15 0. 0			99.9	99.9 100.0	
≥ 700 ≥ 600	98.8 98.8	99.0	99.4	99.6	99.8				,		100.0					F I
≥ 500 ≥ 400	98•8 98•8	99.0 99.0	99.4	99.6 99.6	99.8	99.9	100.0	100.0	100.0	icu.o	100.0 100.0	100.0	100.0	10 0. 0	100.0	00.0
≥ 300 ≥ 200	98 • 8 98 • 8	99.0		99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.8 98.8	99.0 99.0	99.4 99.4	99.6					7 1		100.0			7-7-		

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101.44 0-14-5 (OL A) memous editions of this form are describ

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB NA

69-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)	•					
(FEET:	≥10	≥6	≥5	≥4	≥3	≥2'ס	≥2	21/1	≥1%	≥1	≥¾	≥%	≥ %	≥5,16	≥`•	≥0
NO CEILING ≥ 20000	68.9 72.6	69.1 72.7	69.1 72.7	69.9 72.7	69.8 72.7	69.0 72.7	69.0 72.7	69.0 72.7		69.0 72.7			69.0 72.7			69.0 72.7
≥ 18000 ≥ 16000	73.2 73.9	73.3 74.0	73.3	73.3 74.0	73.3 74.0	73.3 74.0	73.3 74.0	73 • 3 74 • C	73.3 74.0	73.3 74.0						73.3 74.0
≥ 14000 ≥ 12000	76.3 79.6				79.8		76.4 79.8	79.8	79.8	76.4 79.8	79.8	79.8		76.4 79.8	76.4 79.8	76.4 79.8
≥ 10000 ≥ 9000	87.6	87.8		87.9	87.9	84 • 8 87 • 9	84.8 87.9	87.9	84 • 8 87 • 9	84.8 87.9	87.9	84.8 87.9		87.9		84.8 87.9
≥ 8000 ≥ 7000	90.1 92.9	93.1	90.4	90.4 93.2	93.2			93.2	93.2	98.4 93.2	93.2	90.4				90.4
≥ 6000 ≥ 5000	94.8	95.8		95.1 95.9	95.9	95.1 95.9	95.1 95.9	95.1 95.9	95.1 95.9	95.1 95.9	95.1 95.9	95.1 95.9		95.1 95.9	95.1 95.9	
≥ 4500 ≥ 4000	96.2	97.4		96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7 97.7	96.7	96.7 97.7	96•7 97•7	96.7	96.7 97.7	96.7 97.7	96.7
≥ 3500 ≥ 3000	97.1 97.7	97.7 98.2	97.9 98.4	98.4	98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	98.4	97.9 98.4	98.4	97.9 98.4	97.9 98.4	
≥ 2500 ≥ 2000	97.9 98.1	98 • 4 98 • 8		98.7 99.1 99.1	98.7 99.1 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7	98.7	98.7 99.2				98.7
≥ 1800 ≥ 1500 ≥ 1200	98.2	99.0	1	99.3	99.3			99.3		99.2 99.4	99.2 99.4	99.2	99.4	99.4		99.4
≥ 1000	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6 99.6	99.5	99.4 99.6		99.4 99.6	99.6	
≥ 800 ≥ 700	98.4 98.4	99.6	99.9	99.9	99.9			99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	~	100.0	100.0	100.0	F	100.0	100.0
≥ 400	98.4	99.6	99.9	99.9	99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0 ≥ 0	98.4									-		300			1	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23114

FAIRCHILD AFB WA

69-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
ifEETi	≥10	≥6	≥5	≥4	≥3	≥2'2	≥ 2	≥1%	≥1%	≥1	≥ ½	≥ 2%	≥ %	≥5/16	≥:₄	≥0
NO CEILING ≥ 20000	62.9 68.9	63.0 69.0		63.1 69.0	63.1 69.0	63.1 69.0	63.1 69.0	63.1 69.0	63.1 69.3	63.1 69.0	63.1 69.0	63.1 69.0	63.1 69.0	63.1 69.1	63.1 69.1	63.2 69.1
≥ 18000 ≥ 16000	69•5 70•2	69.6 70.2		69.6 70.3	69.6 70.3	69•6 70•3	69.6 70.3	59.6 70.3	69.6 70.3	69.6 70.3	69.6 70.3	69.6 70.3	69.6 70.3	69.6 73.3	69.6 70.3	69.7 70.4
≥ 14000 ≥ 12000	72.3 75.7	72.3 75.8		72.4 75.8	72.4 75.9	72.4 75.9	72.4 75.9	72.4 75.9	72.4 75.9	72.4 75.9	72,4 75.9	72.4 75.9	72.4 75.9	72.4 75.9	72.4 75.9	72.5 75.9
≥ 10000 ≥ 9000	87.6 82.8	8J.7 22.9	80.8 82.9	87.8 82.9			83.8 83.0		80.8 83.0	80.8 83.9	80.8	80.8 83.0	80.9 83.0	80.9 83.0	80.9 83.0	8D.9 83.1
≥ 8000 ≥ 7000	85.4 87.5	85.5 87.6	87.7	85.6 87.7		85.6 87.8	85.6 87.8			85.6 87.8		85.6 87.8	85.7 87.8	85•7 87•8	85.7 87.8	
≥ 6000 ≥ 5000	89.2 91.0	89.4 91.4	89.5 91.5	89.5 91.5	91.6	89.5 91.6	89.6 91.6			89.6 91.6	89.6 91.6	89.6 91.5	89.6 91.7		89.6 91.7	
≥ 4500 ≥ 4000	92.1 94.0	92.5 94.5	94.6	92.7	92.8 94.7	92.8 94.7	92.8 94.8	94.8	94.8	92.8 94.8	92.8 94.8	92.8 94.8	92.8 94.8	92.8 94.8	92.8 94.8	92.9 94.8
≥ 3500 ≥ 3000	94.5 95.8	95.3 96.4	96.5	95.6 96.6	95.6 96.7	95.6 96.7	95.7 96.7	95.7 96.7	95.7 96.7	95.7 96.7	95.7 96.7	95.7 96.7	95.7 96.8	95•7 96•8	95.7 96.8	95.8 96.8
≥ 2590 ≥ 2000	96.2 96.6	96.8	97.4	97.5	97.1 97.6					97.2 97.7	97.2 97.7	97.2 97.7	97.2 97.7	97.2 97.7	97.2 97.7	97.8
≥ 1800 ≥ 1500	96.7 96.9	97.3 97.6	97.8	97.6	97.7	97.7 98.0	97.7 98.0			97.8 98.0	97.8 98.0				97.8 98.1	97.9 98.1
≥ 1200 ≥ 1000	97.4	97•8 98•2	98.5	98•2 98•6	98.3 98.7	98.7	98.3 98.7	98.7	98.3 98.7	98.4 98.5	98.4 98.8			98.4	98.4 98.8	
≥ 900 ≥ 800	97.5	98 • 2 98 • 5			98.7 99.0	98.8 99.1	98.8 99.1	99.1	98.8 99.1	98.8	98.8	99.1	98.8		98.8 99.2	99.2
≥ 700 ≥ 600	97.8	98.7 98.8		99.1 99.2	99.3	99.3	99.4	99.4	99.3 99.4	99.4	99.3		99.4		99.4	99.5
≥ 500 ≥ 400	97.9 97.9	98.8 98.9		99.4	99.4			99.6	99.6		99.5	99.5	99.7	99.7	99.6	99.8
≥ 300	97.9 97.9	99.0		99.5	99.7		99.8	99.8	99.8		99.9		99.9	99.9	99.9	100.0
≥ 100 ≥ 0	9 7.9 9 7.9	99.0 99.0		99.5 99.5		99.8 99.5				99.9 99.9	99.9	99.9				100•0 100•0

TOTAL NUMBER OF OBSERVATIONS

7200

USAF ETAC THAT 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

-DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

69-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2200-0200

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1%	≥11%	≥1	≥ ¾	و.د ≤	≥5	≥5/16	و' ≤	≥0
NO CEILING ≥ 20000	78.4 21.8	78.7 92.2	78.7 82.2	78.6 82.3	78.9 82.4	78.9 32.4	78.9 82.4	78.9 82.4	78.9 82.4	78.9 82.4	78.9 82.4	78.9 82.4	78.9 32.4	73.9 82.4	78.9 82.4	78.9 82.4
≥ 18000 ≥ 16000	81.9	82.3 82.6	82.3 82.6	82.4 82.7	82.5 82.8	82.5 82.8		82.5 82.8	82.5 82.8	82.5	82.5 82.8	82.5 82.8	82.5	82.5 82.8	82.5 82.8	82.5
≥ 14000 ≥ 12000	87.2	84.5	84.7	84.1 87.6	84 • 2 87 • 7	84.2 87.7		84.2 87.7	84.2 87.7	84.2	84.2 87.7	84.2	84.2	84.2	84.2 87.7	84.2
≥ 10000 ≥ 9000	92.3	92.6	92.5 93.9	92.7	92.8	92.8	92.8		92.8	92.8 94.1	92.8 94.1	92.8	92.8	92.8	92.8 94.1	92.8
≥ 8000 ≥ 7000	95.6 97.3	95.9 97.5	95.9	96.0	96.1	96.1	96.1	96.1 97.8	96.1 97.8	96.1	96.1	96.1 97.8	96.1	96.1 97.8	96.1 97.8	96.1
≥ 6000 ≥ 5000	97.7	98.4	98.4	98.5	98.6 98.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6 98.8	98.6 98.8	98.6 98.8	98.6 98.8
≥ 4500 ≥ 4000	98.4 98.6	99.1	99.4	99.1	99.2		99.2	99.2	99.2	99.2	99.2	99.2	99.2		99.2	99.2
≥ 3500 ≥ 3000	98.7 98.7	99.5	99.5		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500 ≥ 2000	98•7 98•7	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.9	99.7
≥ 1800 ≥ 1500	98.7 98.7	99.7	99.7 99.7	99.8	99.9	99.9			99.9		99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000	98.7 98.7	99.7	99.7 99.7	99.8	99.9	99.9			99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	98.7 98.7	99.7	99.7 99.8	99.8	99.9	99.9 108.0			99.9 100.0		99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 198.0	99.9
≥ 700 ≥ 600	98•7 98•7	99.8	99.8	- • • •		100.0 100.0	100.0	100.0	100.0 100.0	100.0 100.0		100.0	TILLE	100.0	100.0	100.0
≥ 500 ≥ 400	98•7 98•7	99.8	99.8		100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	190.0 190.0	100.0 100.0	100.0 100.0	100.0 100.6	100.0 100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.7 98.7	99.8 99.8	99.8		100.0 100.0	100.0 100.0		100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0
≥ 100 ≥ 0	98.7 98.7	99.8			100.0 100.0	100.0 100.0		100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	199 .0	100.0	100.0	100-0

-TOTAL NUMBER OF OBSERVATIONS

. 931

USAF ETAC AT 44 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE ORDER

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY 1

FAIRCHILD AFB NA 2 2 1 1 4

69-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥:0	≥6	≥5	≥4	≥3	≥2'7	≥2	2170	≥1'4	≥1	و ک	ود≤	≥ ">	≥5-16	ž •	≥0
NO CEILING ≥ 20000	71•7 75•5	71.8 75.6	1			71.9 75.7	71.9 75.7	72.0 75.8	1	72.C 75.8		72.2 75.9	72.3 76.0	72•3 76•0	72.4 76.1	72.4 76.1
≥ 18000 ≥ 16000	75•7 76•3	75.3 76.5		75.8 76.5		75.9 76.6	75.9 76.6	76.0 76.7	76.0 76.7	76.0 76.7	76.1 76.8	76.1 76.8	76.2 76.9	76•2 76•9	76.3 77.9	76.3 77.0
≥ 14000 ≥ 12000	78•2 82•5	78•3 82•6	82.6	78.3 82.6	82.7	78.4 82.7	78.4 82.7	78.5 82.8	78.5 82.8	78.5 82.8	78.6 82.9	78.6 82.9	78.7 83.0	78•? 83•0	78 • 8 83 • 1	78.8 83.1
≥ 10000 ≥ 9000	68•0 89•6	88•2 89•8	89.8	88.2	89.9	89.9	88.3 89.9	88.4 90.0		88.4 90.0	95.1	88.5 90.1	88.6 95.2	88.6 90.2	88•7 90•3	88.7 90.3
≥ 8000 ≥ 7000	91.9 93.7	92.2 93.9	93.9	92•2 93•9	94.0	94.9	92.3 94.0	92.4	92.4	92.4 94.1	94.2	92.5 94.2	92.6 94.3	92.6 94.3	92.7 94.4	92.7
≥ 6000 ≥ 5000	94.7 96.1	94.9	96.5	94.9	96.7	95.1 96.7	95.1 96.7	95•2 96•8	95•2 96•8	95•2 96•8	96.9	95.3 96.9	95.4 97.0	95.4 97.0	95.5 97.1	95.5 97.1
≥ 4506 ≥ 4000	96.7 97.2	97.5	97.5	97.1 97.6	97.7	97.7	97.2 97.7	97.3 97.8	97.8	97.3 97.8	98.0		97.5 98.1	97.5 98.1	97.6 98.2	97.6 98.2
≥ 3560 ≥ 3000	97.4		98.0	97.6 98.0	98.1	97.7 96.1	97.7 98.1	97.8 98.2	97.8 98.2	97.8 98.2	98.3	98.3	98.1 98.4	98.1 98.4	98•2 98•5	98 • 2 98 • 5
≥ 2500 ≥ 2000	97.5 97.5	98.0	98.2	98.1 98.2	98.3	98.3	98.2 98.3	98.4	98•3 98•4	98.3 98.4	98.5	98.4 98.5	98.5 98.6	98.5 98.6	98.6 98.7	98.6
≥ 1800 ≥ 1500	97.7 97.7	98.3 98.3	98.5 98.5	98.5 98.5	98.6	98.6	98.6 98.6	98.7	98•7 98•7	98.7 98.7	98.8 98.8	98.8 98.8	98.9 98.9	98.9	99.0	99.0 99.0
≥ 1200 ≥ 1000	97.7 97.8	98.5 98.6	98.9	98•7 98•9	98.8 99.0	99.0	98.8 99.0		98.9 99.1	98.9	99.0	99.B	99.4	99.1	99.2 99.5	99.5
≥ 900 ≥ 800	97 .8 97 .8	98.6		98.9 98.9	99.0		99.0	99.1	99.1	99.1 99.1	99.2 99.2	99.2 99.2	99.4 99.4	99.4 99.4	99.5 99.5	99.5 99.5 99.6
≥ 700 ≥ 600	98.1	98.9	99.2			99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 500 ≥ 400 ≥ 300	98.2	99.0	99.4	99.4		99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	98.2	99.0	99.4	99.4	99.5		99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	0.00
2 0	98.2		1 * * * 1	99.4	99.5		99.5	1117		99.6		99.7	99.8	99.8		102.0

-DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23:14

FAIRCHILD AFB WA

69-78

ADMIN .

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	NUTE MILI	ES1						
(FEET)	≥10	≥6	≥5	≥.4	≥3	≥27	≥2	≥1%	≥1%	≥1	ية ≤	≥4	≥5	≥5/16	≥ ∵	≥0
NO CEILING ≥ 20000	72.6 76.3	72.6 75.3	72.6 76.3	72.6 76.3	72.6 76.3		72.7 76.4	72.7 76.4	72.7 76.4	72.7 76.4	72.9 76.6	72.9 76.6	72.9 76.6	72.9 76.6		72.9 76.6
≥ 18000 ≥ 16000	76.9 7 7.8	76.9 77.8	76.9 77.8		76.9 77.8	77.9	77.0 77.9	77.5 77.9	77.6 77.9	77.5 77.9	77.2 78.1	77.2 78.1	77-2 78-1	77.2 78.1	77.2 78.1	77.2 78.1
≥ 14000 ≥ 12000	80.1 84.2	82.1 84.2	80.1 84.2		80.1 84.2		80.2 84.3	84.3		80.2 84.3	80 • 4 84 • 5	80.4 84.5	80.4 84.5	80.4 84.5	80.4 84.5	80.4 84.5
≥ 10000 ≥ 9000	89.Z 90.1	89.2 98.1	89.2 90.1	90.1	89.2 95.1	93.2	89.3 90.2	90.2		89.3 90.2	89.6 90.4	59.5 90.4	90.4	89.6 93.4		89.6 93.4
≥ 8000 ≥ 7000	92•1 94•1	92.2	92.2	92.2 94.2	94.2	94.3	92.4		94.3		92.6 94.5	92.6 94.5	94.5	92.6 94.5		94.5
≥ 6000 ≥ 5000	95.0 95.9	95.2	95.2 95.2	95•2 96•2		96.3		96.3	96.3	96.3	96.6	96.6	96.6		96.6	95.5 96.6
≥ 45%) ≥ 4100	96.0	96.4		96.4	96.4	96.6	96.6	96.6	96.6 96.6	96.6	96.8	96.8	96.8	96.3	96.8	
≥ 3500 ≥ 3000	96.7	96.4	97.1	97.1	97.1	97.2	97.2	97.2		97.2	97.4	97.4	97.4	97.4	97.4	96.8
≥ 2500 ≥ 2000	96.7		97.1	97.1	97.1	97.2	97.2	97.2	97.2 97.2	97.2	97.4	97.4	97.4	57.4	97.4	97.4
≥ 1800 ≥ 1500 ≥ 1200	96.7 96.9 97.2	97.1 97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.2 97.4 97.7	97.4		77.6		97.6	97.6	97.4 97.6 98.0
≥ 1000 ≥ 900	97.4	97.8		98.0				1	98.1			98.3	98.3	98.3		98.3
≥ 800 ≥ 700	97.5		98.7		98.4	98.5	98.5		98.5	98.5	98.7	98.7	98.7	98.7		98.7
≥ 500	98.1					99.2	99.2	99.4	99.4	99.4	99.6	95.5	99.6	99.6	99.6	99.6
≥ 400	98.1	99.0				99.2	99.5	99.6	99.6	99.5	99.8	99.8	99.8		99.8	99.8
≥ 200, ≥ 100	98.1 98.1	99.0	99.0	99.1		99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0
2 0	99.1					99.2	1	_	99.6		99.8					100.0

TOTAL NUMBER OF OBSERVATIONS...

929

USAF ETAC ALM 0-14-5 (OL A) MENOUS COMORS OF THIS FORM ARE CHISDRET

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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口

FAIRCHILD AFB WA

69-73

AND PATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							vi\$	BILITY -ST.	ATUTE MIL	ES			_			
·FEET·	≥10	≥6	≥5	≥4	≥3	≥25	≥2	בלו≤	≥1'•	≥1	وڏ ≦	≥'₃	≥ ∵	≥5 16	≥`•	≥0
NO CEILING ≥ 20000	74 • 6 78 • 5	74.7 78.7	74.7 78.7	74.7 78.7	74.8 78.8	74.8 76.8		74.8 78.3			74.8 78.8	74.8 78.8	74.8 78.8	74.8 78.8	74.8 78.8	74.8
≥ 18000 ≥ 16000	78.9 79.4	79.1	79.1 79.7	79.1 79.7	79.2 79.5	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8
≥ 14000 ≥ 12000	61.2 34.2	81.4	81.4 84.4	81.4	61.5 84.5	81.5 84.5		81.5 84.5	81.5 84.5	81.5 84.5	81.5 84.5	81.5	21.5 84.5	81.5 84.5	81.5 84.5	81.5 84.5
≥ 10000 ≥ 9000	89.3 90.1	39.6 90.3		89.6 90.3	89.7 90.4	89.7 90.4	89.7 90.4	89.7 90.4	89.7 90.4	89.7 90.4	89.7 90.4	89.7 90.4	89.7 93.4	89.7 98.4	89.7 90.4	89.7 90.4
≥ 8000 ≥ 7000	92.1 93.9	92.4	92.4 94.1	92.4 94.1		92.5 94.2				92.5 94.2		92.5	92.5 94.2	92.5 94.2	92.5 94.2	92.5 94.2
≥ 6000 ≥ 5000	95.3	94.7	94.7 95.5	94.7	94.8	94.8 95.6		94.8 95.6				94.8	94.8 95.6	94.8	94.8 95.6	94.8 95.6
≥ 4500 ≥ 4900	95.3 95.9	95.5 96.1	95.5 96.1	95.6	95.7 96.3	95.7 96.3	95.7 96.3		95.7	95.7	95.7 96.3	95.7 96.3	95.7 96.3	95.7 96.3	95.7 96.3	95.7 96.3
≥ 3500 ≥ 3000	95.J 96.8	96.2	96.2 97.1	95.3 97.2	96.4 97.3		96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	1 1
≥ 2500 ≥ 2000	97.1 97.7	97.4	97.4 98.1	97.5 98.2	97.6 98.3		97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6	97.5 98.4	97.6 98.4
≥ 1800 ≥ 1500	9 7.8 9 8.4	98.2	98.2 98.7	98.3 98.8	98.4 98.9	98.4 98.9	98.5 99.0	98.5 99.0			98.5 99.0	98.5 99.0		98.5 99.0	98.5 99.0	98.5 99.0
≥ 1200 ≥ 1000	98.8 98.9	99.1	99•1 99•4	99.2	99.4	99.4	99.5 99.7	99.5		99.5 99.7	99.5 99.7	99.5 99.7	99.5	99.5 99.7	99.5 99.7	99.5
≥ 900 ≥ 800	98.9	99.4	99.4	99.5	99.6	99.6			99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7	99.7 99.7	99.7 99.7	99.7 99.7
≥ 700 ≥ 600	98 .9 98 . 9	99.4	99.4 99.4	99.5	99•7 99•7	99.7	99.8 99.8					99.8		99.8	99.8 99.8	
≥ 500 ≥ 400	98.9 98.9	99.5	7		99.9		150.0 160.0				100.0 100.0				100.0	F
≥ 300 ≥ 200	98.9 98.9	99.5		99.7	99.9			3	7. 2	100.0 100.0		100.0			100.0	100.0
≥ 100 ≥ 0	98.9 98.9	99.5 99.5		99.7 99.7	99.9 99.9					20-0-0	100.0 100.0					100.0

TOTAL NUMBER OF DESERVATIONS

929

USAF ETAC AL 44 0-14-5 (OL A) MEMOUS SURIORS OF THIS FORM AND CHRONE

-DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-114

FAIRCHILD AFB MA

59-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY (STA	ATUTE MILI	ESı						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1½	≥1%	≥1	و\$ ≤	≥ '•	≥ %	≥5-16	≥ ′•	≥0
NO CEILING ≥ 20000	71.1 78.3	71.3	71.3 78.5	71.4 78.6	71.4 78.6	71.4 78.6		71.4 78.6	71.4 78.6	71.4 78.6	71.4 78.6	71.4 78.6	71.4 78.6	71.4 78.6	71.4 78.6	71.4
≥ 18000 ≥ 16000	79.4 83.5	79.5	79.5	79.7 80.3	79.7 80.3	79.7 80.3	79.7 85.3	79.7 8G.3	79.7	79.7 86.3	79.7 80.3	79.7 80.3	79.7 80.3	79.7 80.3	79.7 80.3	79.7
≥ 14000 ≥ 12000	83.2	80.5	87.5 83.4	83.5	80.6	80.6 33.5		80.6 83.5	80.6 83.5		80.6 33.5	80.6 83.5	80.6 83.5	80.6	80.6 83.5	80.6 83.5
≥ 10000 ≥ 9000	35.8 85.5	86.0 86.7	86.0 86.7	86.1	86.1 66.8	86.8	86.1 86.8	86.1 86.8	86.1 86.8	86.1 86.8	86.1 86.8	86.1 85.8	86.1 86.8	86.1 86.5	86.1 86.8	86.1 86.8
≥ 8000 ≥ 7000	38.7 93.5	88.9 90.9	88.9	89.0 91.0	89.0 91.0	89.0 91.0		89.0 91.0	89.0	89.9 91.0	89.G 91.0	89.8 91.0	89.0 91.0	89.0	89.0 91.0	89.0 91.0
≥ 6000 ≥ 5000	91.9	92.2	92.2 94.8	92.3	92.3 94.9	92.3 94.9		92.3 94.9	92.3	92.3	92.3	92.3	92.3	92.3 94.9	92.3 94.9	92.3 94.9
≥ 4500 ≥ 4000	95.5 96.5	95.7 96.7	95.7 96.7	95.8 96.8	95.8 96.8	95.8 96.8			95.8 96.8	95.8 96.8	95.8 96.8	95.8 96.8	95.8 95.8	95.8 96.8	95.8 96.8	95.8 96.8
≥ 3500 ≥ 3000	97•1 97•5	97.3 98.0	97.3 98.5	97.4	97.4	97.4 98.2		97.4 98.2	97.4	97.4 98.2	97.4 98.2	97.4 98.2	97.4 98.2	97.4 98.2	97.4 98.2	97.4 98.2
≥ 2500 ≥ 2000	98•3 98•6	98.7 99.0	98.7 99.0	98.9	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2		98.9	98.9 99.2	98.9 99.2	98.9 99.2	98.9
≥ 1800 ≥ 1500	98.7 98.7	99.1	99.1 99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4	99.4 99.4
≥ 1200 ≥ 1000	98.7 98.8	99.1	99.1 99.2	99.4	99.4	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4	99.4 99.5	99.4 99.5	99.4	99.4 99.5	99.4 99.5	99.4 99.5
≥ 900 ≥ 800	98.9 98.9	99.4	99.4	99.6 99.7	99.6	99.6			99.6 99.8		99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	
≥ 700 ≥ 600	99.1	99.6	99.5	99.9	99.9 100.0	99.9 100.0	99.9	99.9 100.0	99.9 100.0	99.9 185.0	99.9 188.0			99.9 188.8		
≥ 500 ≥ 400	99.1	99.7	99.7 99.7	99.9	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0		100.0		198.0
≥ 300 ≥ 200	99.1	99.7	99.7		100.0	100.0 100.0				100.0	100.0		100.0		100.0	100.0
≥ 100 ≥ 0	99.1	99.7	99.7 99.7	99.9		190.0 190.0	100.0	100-0 100-0	-2		100.0 100.0	7		100-9		

TOTAL NUMBER OF OBSERVATIONS,

930

USAF ETAC AN O-14-5 (OL A) PREVIOUS SERVICES OF THIS FORM AND CONTROL

5386

CEILING VERSUS VISIBILITY

2: .14

FAIRCHILD AFB WA

59-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							٧īS	BILITY ST	ATUTE MIL	£S:						
FEET	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥17	≥1%	≥1	≥ 2,	≥ >₀	≥ 7	≥5 16	≥.	≥0
NO CEILING ≥ 20000	74.0 79.7	74.3 83.1	74.4 80.2			74.4 80.2		74.4 38.2	74.4 60.2	74.4 80.2	74.4 80.2	74.4 83.2	74.4 83.2	74.4 80.2	74.4 80.2	74.4 80.2
≥ 18000 ≥ 16000	87.8 81.2	81.2 91.5	81.3 81.7	81.3 81.7	31.3 81.7	81.3	81.3 81.7	51.3 81.7	81.7	81.3 81.7	81.3 81.7	81.3 81.7	81.3 81.7	81.3 81.7	81.3 81.7	81.3 81.7
≥ 14000 ≥ 12000	32.2 35.7	32.5 86.1	82.7 86.3		82.7 85.3	82.7 86.3		82.7 86.3	82.7 86.3	82.7 86.3	82.7 86.3	82.7 86.3	82.7 36.3	82.7 66.3	82.7 86.3	82.7 86.3
≥ 10000 ≥ 9000	58.5 89.1	88.9 89.5	89.3 89.5	89.8	59.1 59.8	89.1 89.8			89.1 89.8	89.1 89.8	89.1 89.8	89.1 89.8	89.1 89.8	89.1 89.8	89.1 89.5	89.1 89.8
≥ 8000 ≥ 7000	51.5 92.5	92.1 93.3	92.3 93.5	93.5	93.5	92.3 93.5	93.5	93.5	92.3 93.5	93.5	92.3 93.5	92.3 93.5	92.3 93.5	92.3 93.5	93.5	92.3 93.5
≥ 6000 ≥ 500c	96.3	94.9	95.2 97.1	97.1	97.1		97.1	97.1	97.1	95.2 97.1	95.2 97.1	95.2 97.1	95.2 97.1		95.2 97.1	95.2 97.1
≥ 4500 ≥ 4000	97.1 98.1	97.5 98.6	97.3 98.8	98.5	98.8	98.8	98.8	98.8		97.8 98.8	97.8 98.8	97.8 98.8	97.8 98.8	98.8	98.3	98.8
≥ 3500 ≥ 3000	98.5	98.9 99.i	99.1 99.2	99.2		99.1 99.2			99.1 99.2	99.1 99.2	99•1 9 9• 2	99.1 99.2	99.1 99.2	99.1 99.2	99.1 99.2	
≥ 2500 ≥ 2000	98.8	99.4	99.5 99.6	99.6		99.6	99.6	99.6	99.6 99.6		99.6 99.5	99.6 99.6	99.6	99.6 99.6	99.6	99.5
≥ 1800 ≥ 1500	98•8 98•8	99.4	99.5	99.6		99.6 99.6	99.6		99.6	99.6	99.6 99.6		99.6	99.5		99.6
≥ 1200 ≥ 1000	98.9 98.9	99.5 99.5	99.7 99.7	99.7 99.7	99•7 99•7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
≥ 900 ≥ 800	98 .9 98 .9	99.6	99.8		99.8	99.8	99.8	99.8	99.8 99.8		99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	98.9	99.6	99.9	100.0	100.0	100.0	100.0	190.0	100.C	100.0	100.0		100-0	00.0	100.0	100.0
≥ 500 ≥ 400	98.9 98.9	99.6	99.9	100.0 100.0	100.0	100.0	100.0		100.6	100-0	100.0	100.0	100.0	100.0	100.0	730°8
≥ 300 ≥ 200	98.9	99.5	99.9	100.0 100.0	100.0	īcó. o	160.0	100.0	100.0		100.0		100.0	100.0	100-0	100.0
≥ 100 ≥ 0	98.9 98.9	99.6		100.0 100.0				100.0			100-0	100.0		100.0	700°0	100.0

TOTAL NUMBER OF OBSERVATIONS.

73

USAF ETAC AND 0-14-5 (OL A) retrout somers or this room are optice

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB AA

55-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-5000

CERING							vis	BILITY -ST	ATUTE MUL	ES					 ,	
.fEEI.	≥10	≥6	≥5	≥4	≥3	≥27	≥2	وا≤	≥1 .	≥1	≥14	≥39	≥ ≒	≥5-16	≥ •	≥0
NO CERING ≥ 20000	75.5 52.1	75.9 82.4	/6.7 52.5	76.0 82.5	76.0 82.5	1				76.0 82.5	76.5 82.5	76.0 82.5				76.0 82.5
≥ 18000 ≥ 15000	33.1 34.1	93.4	83.5 84.5	83.5 84.5	83.5 84.5	1	1			83.5 84.5	83.5 84.5		83.5			83.5 84.5
≥ 14000 ≥ 12000	35.5 89.6	85.8		85.9 95.0	85.9 90.0				85.9	85.9	85.9 90.0	85.9 90.0			85.9 90.0	
≥ 10000 ≥ 9000	92.5 93.4	92.9 93.8		93.0 93.9	93.0 93.9			93.0 93.9		93.0 93.9	93.9 93.9	93.0 93.9				93.0 93.9
≥ 8000 ≥ 7000	95.3 95.1	95.6 96.5	1	95.7 96.6	95.7 96.6	: 1						95.7 96.5	-			95.7 96.6
≥ 6000 ≥ 5000	96.9 97.7	97.2 98.1	97.3 98.2	97.3 98.2	97.3 98.2	97.3 98.2			97.3 98.2			97.3 98.2				97.3 98.2
≥ 4500 ≥ 4000	97.6 98.3	98.2		98.3 98.7		1						98.3 98.7		•		98.3 98.7
≥ 3500 ≥ 3600	98 • 3 98 • 4	98.6		98.7 99.1	98.7 99.1								99.7 99.1			98.7 99.1
≥ 2500 ≥ 2000	98.4 98.6	96.9 99.2		99.1 99.5		99.1						99.1 99.5	99.1 99.5		99.1 99.5	5
≥ 1800 ≥ 1500	98•6 98•6	99.2		99.5 99.5		99.5 99.5						99.5 99.5	99.5 99.5			99.5 99.5
≥ 1200 ≥ 1000	98.6 98.7	99.2				99.6			99.6 99.9			99.6				1
≥ 900 ≥ 800	98•7 98•7	99.7		99.9 99.9		100.0 100.0		-								
≥ 700 ≥ 600	96 7 98 7	99.7	99•8 99•8	99.9 99.9	99.9	130.0 100.0	108-8	130.0	100.0	100.6	180.0	100.0	100.0	100.0	100.0	
≥ 500 ≥ 400	98.7 98.7	99.7	99.5 99.5		99.9	130.0 100.0	100.0	199.0	100.0	180.C	100.0	100.0	188.0	100.0	100.0	100.0 100.0
≥ 300 ≥ 200	98.7 98.7	99.7		99.9	99.9	100.0	100.0	100.0	130.0	100.0	160.0	100.0	100.0	100.0	100.0	
≥ 100 ≥ 0	98.7 98.7	99.7	99.8	99.9 99.9		100.0		27		-						

TOTAL NUMBER OF OBSERVATIONS,

73

USAF ETAC ALM 0-14-5 (OL A) PREVIOUS REPROVES OF THIS FORM ARE ORBIGI

5387

CEILING VERSUS VISIBILITY

26114

- 7,**7** 1,250 (1)

FAIRCHILD AFB WA

69-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS ((31)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥.5	≥4	≥3	≥2%	≥ 2	≥177	≥114	≥1	≥ ⅓	≥ >⁄9	≥ ⅓	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	77.2 62.8	77.4 83.7	77.4 83.0	77.4 83.0		77.4 83.0	77.4 83.0	77.4 83.0	77.4 83.0	77.4 83.0		77.4 83.0	77.4 63.0	77.4 83.0	77.4 83.3	77.4 83.0
≥ 18000 ≥ 16000	83.9 84.6	84.1	84.1 84.8	84.1 84.8	84.1 84.8	84.1 84.8	84 • 1 84 • 8	84.1 84.8	84.1 84.8	84.1 84.8	84.1 84.8	84.1	84.1	84.1	84.1	84.8
≥ 14000 ≥ 12000	85.8 88.4	86.0	86.3 88.6	86.0 88.6	86.0 88.6	· • •	86.0	86.0 88.6		86.0 88.6		86.0 88.6	86.0	86.0 88.6	86.0 88.6	86.0 88.6
≥ 10000 ≥ 9000	90.6	90.9	90.9 91.7	90.9 91.7	90.9	90.9 91.7	90.9 91.7	90.9	95.9 91.7	95.9	90.9	90.9	90.9	90.9 91.7	90.9	90.9
≥ 8000 ≥ 7000	94.0 95.3	94.2 95.6		94.2			94.2	94.2	94.2	94.2	94.2 25.6	94.2	94.2	94.2 95.6	94.2	94.2
≥ 0000 ≥ 5000	96 • F	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7	96.5 97.7
≥ 4500 ≥ 4000	97.3 97.7	97.7 98.2	97.7 98.3	97.7 98.3	97.7 98.3		97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3
≥ 3500 ≥ 3000	79.0 98.5	98.5	98.6	98.6 99.2			98.6 99.2		98.6 99.2	98.6 99.2	98.6 99.2	98.6 99.2	98.6 99.2	98.6	98.6	98.6 99.2
≥ 2500 ≥ 2000	98.5 98.7	99.4		99.2	99.2 99.5		99.2 99.5	99.2 99.5	99.2	99.2 99.5	99.2	99.2	99.2 99.5	99.2	99.2 99.5	99.2
≥ 1800 ≥ 1500	98.7 98.7	99.4 99.4					99.5 99.5	99.5 99.5		99.5 99.5		99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5
≥ 1200 ≥ 1000	9 8 - 7 9 8 - 9	99.4		99.5 99.7	99.5 99.7	99.5 99.7	99.5	99.5 99.7	99.5 99.7	99.5 99.7	99.5	99.5	99.5	99.5 99.7	99.5 99.7	99.5 99.7
≥ 900 ≥ 800	98 .9	99.7	99.8	99.8			99.8	99.8	99.8 99.8	99.8		99.8	99.8	99.8	99.8 99.8	99.8 99.8
≥ 700 ≥ 600	98.9 98.9	99.7	99.8	99.8				99.8		1	1	99.8	99.8 99.8	99.8	99.8 99.8	
≥ 500 ≥ 400	98•9 98•9	99.8									100.0 100.0					
≥ 300 ≥ 200	98.9 98.9		100.0 100.0			100.0 100.0					100.0 100.0	100.0 100.0			100.0	
≥ 100 ≥ 0	98.9 98.9		100.0					7		13	100.0			m,		100.0

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC FORM 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

9-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (LST)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥%	≥5/16	≥ ′₄	≥0
NO CEILING ≥ 20000	74 • 4	74.5 79.6	74.5 79.6	74.6 79.6	74.7 79.7	74.7 79.7	74.7 79.7	74.7 79.7	74.7 79.7	74.7 79.7	74.8 79.8	74.3 79.8	74.8 79.d		74 • 8 79 • 8	74.8 79.8
≥ 18000 ≥ 16000	87.1 87.7	80.3	80.3	80.3 81.0	80.4	8Q.4 81.1	80.4	80.4	80.4	80.4 81.1	80.5	80.5	80.5 81.1	80.5 81.1	80.5 81.1	80.5 81.1
≥ 14000 ≥ 12000	82.1 85.6	32.3 85.8	82.4 85.9	82.4 85.9	82.4 86.0	82.4 86.5	92.4 86.0	82.5 86.0	82.5 86.0	82.5 86.0	82.5 86.0	82.5 86.0	82.5 86.0	82.5 86.0	82.5 86.0	82.5 86.0
≥ 10000 ≥ 9000	89.5 90.5	89.8 90.7	89.8 90.8	89.8 99.8	89.9 90.8	89.9 90.8	89.9 90.8	89.9 90.9	89.9 90.9	89.9 90.9	90.5 95.9	90.9	90.0 90.9	90.0 90.9	90.0 90.9	90.0 90.9
≥ 8000 ≥ 7000	92.7 94.2	92.9 94.5	93.E		93.N 94.6	93.ŭ 94.6	93.0 94.6	93.1 94.6	93.1 94.6	93.1 94.6	93.1 94.7	93.1 94.7	93.1 94.7	93.1 94.7	93.i 94.7	93.1 94.7
≥ 6000 ≥ 5000	95•2 96•4	96.8	95.5 96.8			95.6 96.9	95.6 96.9	95.6 96.9	95.6 96.9	95.6 96.9	95.7 97.0	95.7 97.0	95.7 97.0	95.7 97.0	95.7 97.0	95.7 97.0
≥ 4500 ≥ 4000	96.8 97.3	97.1 97.7	97.2 97.8		97.3 97.8	97.3 97.8	97.8	97.9	97.3 97.9	97.3 97.9	97.4 97.9	97.4 97.9	97.4 97.9	97.4 97.9	97.4 97.9	97.4 97.9
≥ 3500 ≥ 3000	97.5 97.8	97.9	97.9 98.4		98.0 98.5	98.0 98.5		98 • 1 98 • 5	98.1 98.5	98•1 98•5	98.1 98.6	98•1 98•6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6
≥ 2500 ≥ 2000	98.0 98.2	98.5 98.7	98 • 6 98 • 8	98.9	98.7	98.7 98.9	98.7	98.7	98.7 99.0	98.7 99.0		98.7 99.0				
≥ 1800 ≥ 1500	98.2 98.3	98.9 98.9	98.9	98.9 99.0	99.0	99.0	99.1	99.0	99.0	99.0	99.2	99.1	99.1	_	99.1	
≥ 1200 ≥ 1000	98.4 98.5	99.2	99.1	99.2	99,4	99.4	99.4	99.4	99.3	99.3 99.4	99.3	99.3		99.3		99.5
≥ 900 ≥ 800	98.5 98.6	99.3	99.4	99.5	99.5	99.5 99.6	99.6		99.5			99.6			99.6	
≥ 700 ≥ 600	98.6 98.7 98.7	99.4	99.5	99.7	99.7	99.7			99.8	99.7		99.7			99.9	99.9
≥ 500 ≥ 400	98.7	99.5 99.5	99.6 99.6	99.7	99.8 99.8	99.8	99.9			99.9	99.9	99.9			99.9 100.0	100.0
≥ 300 ≥ 200	98.7	99.5	99.6	99.7	99.8	99.8	99.9	99.9			99.9	99.9	99.9	99.9	100.0 100.0	100.0
≥ 100 ≥ 0	98.7	99.5			99.8			99.9							100.0	

TOTAL NUMBER OF OBSERVATIONS.

7438

LISAF ETAC BUT ALL O-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE CRECUET

5,388

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

69-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-3500

CEILING							VIS	IBILITY (ST	ATUTE MILE	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥11/2	≥1%	≥1	≥ ⅓	≥ ⅓	≥ %	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	81.5 83.8	81.5 83.8	81.5 83.8		81.5 83.8	81.5 83.8	81.5 83.8	81.5 83.8	81.5 83.8	81.5 83.8	81.5 83.8		81.5 83.8	81.5 83.8	81.5 83.8	81.5 83.8
≥ 18000 ≥ 16000	84 • 2 84 • 9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9	84.2 84.9
≥ 14060 ≥ 12000	65.7 87.8	85.7 87.8	85.7 87.8	85.7 87.8	85.7 87.8	85.7 87.8	85.7 87.8	85.7 87.8					85.7 87.8	85.7 87.8	85.7 87.8	85.7 87.8
≥ 10000 ≥ 9000	92.9	90.9 92.3	90.9			93.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	90.9	90.9 92.3	90.9
≥ 8000 ≥ 7000	93.4	93.4 95.7		95.7	95.7		95.7		95.7	95.7	95.7	95.7	95.7		95.7	93.4 95.7
≥ 6000 ≥ 5000	96.8 97.7	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
≥ 4500 ≥ 4000	98.1 98.8	98 • 1 98 • 8	98.8	98.8		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8		98.8	98.1 98.8
≥ 3500 ≥ 3000	98.8		99.1	99.1	98.8	99.1	99.1	99.1	99.1		99.1	99.1	99.1	98.8	99.1	
≥ 2500 ≥ 2000	99.1	99.1	99.1	99.1		99.1	99.1	99.1	99.1	99.1	99.1	99.1		99.1	99.1	99.1
≥ 1800 ≥ 1500	99.1	99.1	99.1	99.1		99.1	99.1	99.1	99.1		99.1	99.1	99.1			99.1
≥ 1200 ≥ 1000	99.4	99.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6		99.6	99.5	99.6	99.6		99.6
≥ 900 ≥ 800	99.4 99.4	99.6		99.6		99.6	99.8	99.8	99.8	99.8	99.8	99.8		99.8		
≥ 700 ≥ 600	99.4	99.7 99.7	99.7 99.7		99.7 99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9 99.9	99.9
≥ 500 ≥ 400 ≥ 300	99.4	99.7	99.7			99.7	99.9		99.9	99.9	99.9	99.9			99.9	99.9
≥ 200	99.4	99.7	99.7			99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.4							W. 7.								100.0

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC NUMBER 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSCUE

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

69-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISI	BILITY (ST)	ATUTE MILI	ES)						
(FEET;	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥14	≥1	≥¾	≥ %	≥ ⅓	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	77.4 79.7	77.4 79.7		77.4 79.7	77.4 79.7		77•4 79•7	77.4 79.7	77.4 79.7	77.4 79.7			77.5 79.9		77.5 79.9	77.5 79.9
≥ 18000 ≥ 16000	80.1 80.3	80.1 60.3	80.1 80.3	80.1 80.3	80.1 89.3	8J.1 8U.3	80.1 80.3	80.1 80.3	80.1 80.3	80.1 80.7	80.3 80.5	80.3 80.5	80.3 80.5		80.3 80.5	
≥ 14000 ≥ 12000	81.5 85.5	81.5 85.5	81.5 85.5	85.5	81.5 85.5	81.5 85.5	81.5 85.6	81.5 85.6	81.5 85.6	81.5 85.6		81.7 85.8	81.7 85.8	81.7 85.8	81.7 85.8	81.7 85.8
≥ 10000 ≥ 9000	90.1 91.2	90.1 91.2	91.2		90.1 91.2		90.2 91.3	90.2 91.3	90.2 91.3	90.2 91.3			90.4 91.5	98.4 91.5	90.4 91.5	
≥ 8000 ≥ 7000	93.0 93.3	93.0 93.3	93.0 93.3	-,,,,,	93.0 93.3			93.1 93.4		93.1 93.4			93.3 93.7	93.3 93.7	93.3 93.7	93.7
≥ 6000 ≥ 5000	94.5 95.7	94.6 95.6	95.8		94.6	95.9	94.8	94.8 95.0		94.8 96.0	96.2	95.1 96.2	95.1 96.2	95.1 96.2	95.1 96.2	95.1 96.2
≥ 4500 ≥ 4000	96.1 96.9	96.2 97.1	97.1	97.1	97.1	97.2			97.3	97.3	97.5		96.7 97.5		96.7 97.5	
≥ 3500 ≥ 3000	97.0 97.2	97.2 97.4	97.4	97.4	97.2 97.4		97.4		97.6		97.8				97.8	97.8
≥ 2500 ≥ 2000	97.4	97.5 97.8	98.0	98.0	98.0		98.2	98.2	98.2	97.7 98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800 ≥ 1500	97.4	97.8 97.8	98.0	98.0	98.0	98.1	98.2 98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4		98.4
± 1200 ≥ 1000	97.6	98 • 1 98 • 5	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0		99.1
≥ 900 ≥ 800	98.I	98 • 5 98 • 5	98.6	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.4	99.4
≥ 700 ≥ 600	98.0 98.1		98.7	98.7	98.7	98.8	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5		99.6
≥ 500 ≥ 400	98.3	98.8	98.9		98.9	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7		99.8
≥ 300 ≥ 200	98.3	98.8	98.9	98.9	98.9	99.0		99.5	99.5	99.5	99.7	99.7	99.7		99.8	99.9
≥ 10° ≥ 0	98.3 98.3	98 • 8 98 • 8				99.0	99.5 99.5		1	99.5	99.7 99.7					100.0

OTAL NUMBER OF ORSERVATIONS

HISAE ETAC TORM Da14-5 (OL A) sequent entropy of this from an executi

CEILING VERSUS VISIBILITY

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FAIRCHILD AFB WA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800

CEILING							VISI	BILITY (STA	TUTE MIL	ES)	_					
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2¹2	≥ 2	215	≥1%	21	≥ ¼	≥%	≥%	≥ 5/16	≥ ₄	≥0
NO CEILING ≥ 20000	75.5 79.4	75.7 79.5	75.7 79.5	75.7 79.5	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6	75.7 79.6
≥ 18000 ≥ 16000	79.8 79.8	79.9 79.9	79.9	79.9 79.9	80.0	80.0 80.0	80.0	0.08 0.08	80.0		80.0 80.0	80.0 80.0		80.0 80.0		0.08 0.08
≥ 14000 ≥ 12000	87.8 34.1	8J.9 84.2	83.9	84.9 84.2	81.0 84.4	81.0 84.4	81.0 84.4	81.5 84.4	81.0 84.4	81.G 84.4	81.0 84.4	81.0 84.4	81.0 84.4	81.0 84.4	81.0 84.4	81.D 84.4
≥ 10000 ≥ 9000	28 • 5 89 • 8	88.9 89.9	88.9 89.9	88•9 89•9	89.1 90.1	89.1 90.1	89.1 90.1	89.1 90.1	89.1 90.1	89.1 90.1	89.1 90.1	89.1 90.1	89.1 93.1	89.1 90.1	89.1 90.1	89.1 90.1
≥ 8000 ≥ 7000	93.9 92.5	91.1 92.8	91.1	91.1 92.8		91.3 93.0	91.3 93.0	91.3 93.0	*		91.3 93.0	91.3 93.0		91.3 93.0		37.7
≥ 6000 ≥ 5000	92.9 93.5	93.3 94.0	93.3 94.{	93.3 94.0	93.5 94.3	93.5 94.3	93.5 94.3	93.5 94.3			93.5 94.3	93.5 94.3		93.5 94.3		
≥ 4500 ≥ 4000	94.5 94.5	94.4	94.4			94.8 95.9	94.B 95.9	94.8 95.9			94.8 95.9	94.8 95.9		94.8 95.9	94.8 95.9	
≥ 3500 ≥ 3000	94.5 94.6	95.5 95.7	95.5 95.8	95.8	96.0 96.2	96.0 96.2	96.0 96.2	96.0 96.2	96.2	96.2	96.0 96.2	96.2	96.2	96.2		1 1 1 1 1
≥ 2500 ≥ 2000	94.8 94.7	95.8 96.0	95.1	96.1	96.6	96.6	96.3 96.6	96.3 96.6	96.6	96.6	96.3 96.6	96.6	96.6	96.3 96.6	96.6	96.6
≥ 1800 ≥ 1500	94•7 95•2	96.0 96.6	96 • 1 96 • 7	96.1 96.7	96.6 97.1	96.6 97.1	97.1		97.1	97.1	96.6 97.1	97.1	97.1		97.1	97.1
≥ 1200 ≥ 1000	95.7 96.2	97.1 97.6	97.7	97.2 97.8	97.8 98.6	97.8 98.6	98.7	97.8 98.7	98.7	98.7	97.8 98.7	98.7	98.7	97.8 98.7		98.7
≥ 900 ≥ 800	96.0 96.2	97.6 97.8	98.1	98.2	98.7	98.7	99.0	98.8	99.0	99.0	98.8 99.D	99.0	99.0			
≥ 700 ≥ 600	96.2 96.2	98.0	98.1 98.2		98.9		99.0	99.0		99.2	99.0 99.2	99.2	99.2	99.2	99.2	99.2
≥ 500 ≥ 400	96.2 96.2	98.1 98.1	98.4 98.4	98.6 98.6	99.4 99.5	99.5	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.7	99.6 99.7	99.6 99.7	99.6 99.7
≥ 300 ≥ 200	96.2	98.1 98.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7 99.7	99.7	99.7	99.7	99.7	100.0
≥ 100 ≥ 0	96.2		98.4	98.6	99.5			99.7	99.7		99.7			99.7		100.0

OTAL NUMBER OF ORSERVATIONS

930

USAF ETAC JUL44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLET

CEILING VERSUS VISIBILITY

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FAIRCHILD AFB WA

69-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100

						VIS	BILITY (ST	ATUTE MILI	ES)						
≥10	≥6	≥5	≥4	≥3	≥2.2	≥2	≥1%	≥11/4	≥1	≥ ¾.	≥ >%	≥%	≥5/16	≥ '₄	≥0
75.4 80.8	75.6 81.2	76.3 81.4	76.0 81.4	76.C 81.4	76.0 81.4	76.0 81.4	76.D 81.4	76.7 81.4	76.0 81.4	76.0 81.4	76.5 81.4	76.0 81.4	75.0 81.4	76.3 81.4	76.0 81.4
81.1	81.5 81.7	81.7	81.7	31.7 81.9	81.7 81.9	81.7 81.9	81.7 81.9	81.7	81.7	81.7 81.9	81.7 81.9	81.7 81.9	81.7 81.9	81.7 81.9	81.7 81.9
84.9	85.5	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	25.9	85.9	85.9	85.9	85.9	85.9
58.9	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
91.6	92.3	92.5	92.6	92.7	92.7	72.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	91.5 92.7 93.3
92.3	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
93.1	93.8	94.	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
94.	94.7	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
94.8	95.7	95.9	96 • 2 96 • 2			96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
95.6	96.5	96.7	97.1			97.2	97.2	97.2	97.2			97.2		97.2	97.2
95.9	97.5	98.1 98.2	98.5 98.5	98.7	98.8									98.7 98.8	
96.1	97.7	98.3 98.4	98.7 98.8	98.9	96.9									98.9 99.0	
96.1	97.8	98.4				99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
96.1	98.0	98.5	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	130.0	100.0	100.0
96.1	98.0	98.5	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	75.4 80.8 81.1 61.3 84.9 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92	75.4 75.6 81.2 21.1 81.5 81.7 81.3 81.7 83.8 85.5 98.2 88.7 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5	75.4 75.6 76.3 81.1 81.5 81.7 61.3 81.7 81.9 83.3 83.8 84.0 64.9 85.5 85.7 98.2 88.7 83.9 97.5 91.1 91.3 97.5 92.3 92.5 92.2 92.6 93.1 92.5 93.1 93.3 93.1 93.8 94.3 93.1 93.8 94.3 93.1 93.8 94.3 94.4 95.2 95.4 94.4 95.2 95.4 94.6 95.7 95.9 94.8 95.7 95.9 94.8 95.7 95.9 95.2 96.5 96.7 95.6 97.6 98.2 96.1 97.6 98.3 96.1 97.6 98.3 96.1 97.8 98.4 96.1 97.8 98.5 96.1 98.6 98.5 96.1 98.6 98.5	75.4 75.6 76.3 76.1 81.4 81.4 81.4 81.4 81.5 81.7 81.7 81.7 81.7 81.9 81.9 83.3 83.8 84.0 84.1 84.5 85.5 85.7 85.8 88.2 88.7 83.9 89.0 85.9 91.1 91.3 91.4 91.5 92.3 92.5 92.6 93.0 93.1 93.2 92.5 92.6 93.0 93.1 93.2 92.5 92.6 93.0 93.1 93.2 92.5 92.6 93.0 93.1 93.2 92.5 92.6 93.0 93.1 93.2 92.5 92.6 93.0 93.1 93.2 92.5 93.1 93.3 93.4 93.1 93.8 94.7 94.1 93.1 93.8 94.7 94.1 93.1 93.8 94.7 94.1 93.8 95.7 95.9 96.2 95.2 96.5 95.7 95.9 96.2 95.2 96.5 96.7 97.0 95.6 97.0 97.3 97.7 95.9 97.5 98.1 98.5 96.1 97.6 98.2 98.8 96.1 97.6 98.2 98.8 96.1 97.8 98.8 98.8 96.1 97.8 98.8 98.8 96.1 97.8 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 96.1 98.0 98.5 98.9 98.5 98.9 96.1 98.0 98.5 98.9 98.0 98.5 98.9 9	75.4 75.6 76.3 76.0 76.0 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4	75.4 75.6 76.3 76.0 76.0 76.0 60.8 81.2 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.1 81.7 81.7 81.7 81.7 81.7 81.7 81.7	75.4 75.6 76.3 76.1 76.0 76.0 76.0 76.0 80.8 81.2 81.4 81.4 81.4 81.4 81.4 81.4 81.1 81.5 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7	75.4 75.6 76.3 76.1 76.0 76.0 76.0 76.0 60.8 81.2 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4	75.4 75.6 76.3 76.1 76.0 76.0 76.0 76.0 76.0 60.6 81.2 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4	75.4 75.6 76.2 76.1 76.0 76.0 76.0 76.0 76.0 76.0 80.8 81.2 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4	75.4 75.6 76.2 76.1 76.1 76.1 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0	75.4 75.6 76.2 76.1 76.2 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0	75.4 75.6 76.2 76.2 76.2 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0	75.4 75.8 76.2 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0	75.4 75.6 76.2 76.2 76.2 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0

TOTAL NUMBER OF OBSERVATIONS.

938

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDOR.

CEILING VERSUS VISIBILITY

24114 STATION FAIRCHILD AFB WA

69-78

AUS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							V15	IBILITY (STA	ATUTE MIL	ES)						
-fEET	≥10	≥6	≥5	≥4	≥3	≥2 ⁊	≥2	≥11⁄2	≥1'4	21	≥ کو	و√ ≲	≥ י⁄י	≥5-16	≥ ₄	≥0
NO CEILING	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	72.4	71.4
≥ 20000	77.1	77.4	77.4		77.4	77.4		77.4			77.4			77.4	77.4	77.4
≥ 18000	77.2	77.5	77.5	77.5	77.5	77.5			77.5		77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000	77.5	77.8	77.5			77.8			77.8					77.8	77.8	77.8
≥ 14000	79.0	79.4	79.4	19.4	79.4	79.4			79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	82.5	82.5	82.5	82.5	82.5	32.5						82.5	82.5	82.5	82.5	32.5
≥ 10000	84.7	85.2	85.2	85.2	85.2	85.2			85.2	85.2	85.2	85.2	85.2	85.2	85.2	
≥ 9000	36 • Q	86.5	86.5	86.5		86.5						26.5	86.5	86.5	86.5	86.5
≥ 8000	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	87.6	88.5	88.5	88.5	88.5		_		88.5			88.5	88.5	88.5	88.5	88.5
≥ 6000	38.3	89.1	89.1	89.1	89.1	89.1			89.1		89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	90.4	91.3	91.3	91.3											91.3	
≥ 4500	91.2	92.0	92.4	92.0	92.0	92.0			92.0			92.0			92.0	
≥ 4000	94.5	94.8	94.5	94.8	94.8	94.8			94.8		94.8	94.8		94.8	94.8	94.8
≥ 3500	94.6	95.5	95.5		(95.5		95.5				95.5	95.5
≥ 3000	96.2	97.5	97.5						97.5							97.5
≥ 2500	97.0	98.5	98.5	98.5		98.5			98.5						98.5	98.5
≥ 2000	97.3	99.0	99.0	99.0	99.0				99.€							
≥ 1800	97.3	99.4	99.0	99.8	99.0											
≥ 1500	97.5	99.4	99.4													
≥ 1200	97.7	99.7	99.7		1				99.9			99.9		99.9		
≥ 1000	97.8	99.8									160.0					
≥ 900	97•8	99.8	99.8	100.0	100.0	100.9	100.0	100.0	100.G	100.0	100.0	100.0	105.0	100.0	100.0	100.0
≥ 800	97.8	99.8	99.8	138.0	100.0	100.0	100.0	108.0	100.0	190.0	100.0	100.0				
≥ 700	97.8	99.8	99.3	183.0	100•q	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100 · 0
≥ 600	97.8	99.8	99.8	100.0	100.0	180.0	100.0	100.D	100.0	100.0	100.0	100.0	186.0	100.0	100.0	100.0
≥ 500	97.8	99.8		100.0							100.0			100.0		
≥ 400	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					
≥ 300	97.8	99.8	• -	100-0				100.0						160°B		
≥ 200	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	700°C	100.0	100.0	106.0	160.0	100.0	100.0
≥ 100	97.8	99.8						77777			100.0	,		E		1 1
≥ 0	97.8	99.8	99.8	100.0	100.0	100.0	100.D	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0

TOTAL NUMBER OF OBSERVATIONS....

930

USAF ETAC JULIA 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBBOLE

CEILING VERSUS VISIBILITY

FAIRCHILD AFB WA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY ISTA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2`₄	≥2	≥1%	≥1'4	≥1	<u>≥</u> 1,	≥ >•	≥ '2	≥5,16	وا ≤	≥0
NO CEILING ≥ 20000	75.6 31.4	75.8 51.6	75.9 81.7	75.9 81.7	76.0 81.8	76.0 81.3	76.D 81.8	76.C 81.8		76.1 81.9	76.1 81.9	76.1 81.9	76.1 81.9	76.1 81.9	76.1 81.9	76.1 81.9
≥ 18000 ≥ 16000	51.9 52.3	82•2 82•7	82.3 82.8	82.3 82.8	82.5 62.9	82.5 82.9	82.5 82.9	82.5 82.9	82.6 63.0	82.6 83.0	82.6 83.0	82.6 83.0		82.6 83.0	82.6 83.0	82.6 83.0
≥ 14000 ≥ 12000	62.9 64.2	83.3	83.4	83.4 84.7	83.5 84.8	83.5 84.8	83.5 84.8	83.5 84.8	84.9	83.6 84.9	83.6 84.9	83.6 84.9		83.6 84.9	83.6 84.9	83.6 84.9
≥ 10000 ≥ 9000	86.3 88.2	86.8	86.9	86.9 88.7		87.0		88.8	88.9	87.1 88.9	87.1 88.9	87.1 88.9		87.1 88.9	87.1 88.9	97.1 88.9
≥ 8000 ≥ 7000	89.2 90.2	89.8 91.0	89.9 91.1	89.9 91.1	90.0	90.0		90.0		90.1 91.3	90.1 91.3	90.1 91.3			90.1	
≥ 6000 ≥ 5000	94.3	91.9	92.0			92.1 95.3	92.1 95.3	92.1 95.3		92.2 95.4	92.2 95.4	92.2 95.4	95.4	95.4	95.4	95.4
≥ 4500 ≥ 4000	95.3	95.8 97.1	95.9	97.2	96.0 97.3	96.0 97.3	96.9 97.3	96.0	97.4	96.1	96.1 97.4	96.1 97.4		96.1	96.1 97.4	96.1
≥ 3500 ≥ 3000	97.1 97.7	98.1 98.8	98.3	98.3	98.4 99.2	98.4	98.4	98.4	99.4	99.4	99.4	98.5 99.4	99.4	99.4	98.5 99.4	98.5
≥ 2500 ≥ 2000	97.3 98.1 98.1	98.9 99.1	99.2 99.5		99.4 99.6	99.4	99.6	99.4 99.6	99.7	99.5 99.7	99.7	99.5 99.7	99.7	99.7	99.5	99.7
≥ 1800 ≥ 1500 ≥ 1200	98.3	99.4	99.7	99.7	99.8	99.6 99.8 99.9	1	99.8	99.9	99.9	99.7 99.9	99.7 99.9		99.7 99.9	99.7 99.9	99.7
≥ 1000	98.4 98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800 ≥ 700	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	Ĩ80.8	100.0 100.0	100.0		100.0	100.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
≥ 600	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0		190.0		180.0	100.0	100.0	100.0
≥ 400 ≥ 300	98.4 98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	109.0	100.0	100.0	100.0
≥ 200	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	105.0	100.c	100.0	100.0	100.8	100.0	100.0	100.0
≥ 0	98.4	99.5	99.8	99.8	99.9	99.9	99.9			· ·	100.0					

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB &A

69-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
·FEET:	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1%	≥14	≥1	ية ≲	216	≥ '5	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	78.7 83.5	79.0 84.0		79.4 84.3		79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4
≥ 18090 ≥ 16000	34.1 34.6	84.5 85.1	84.5 85.2	84.8 85.5			84.9 85.6	84.9 85.6	84.9 85.6	84.9 85.6	84.9 85.6	84.9 85.6	84.9 85.6	84.9 85.6	84.9 85.6	84.9 85.6
≥ 14000 ≥ 12000	85.2 88.7	85.6 88.4		86.3 88.8	86.D 88.8		86.1 88.9	86.1	86.1 88.9	86.1 88.9	86.1 88.9	86.1	86.1 88.9	86.1	86.1 88.9	88.9
≥ 10000 ≥ 9000	90.3 91.1								91.3 92.0	91.3 92.0		91.3 92.0	91.3 92.0		91.3 92.0	91.3 92.0
≥ 8000 ≥ 7000	92.5 94.1	93.0 94.5	7 - 7	93.4		93.5 95.1	93.5 95.1	93.5 95.1	93.5 95.1	93.5 95.1	93.5 95.1	93.5 95.1	93.5 95.1	93.5 95.1	93.5 95.1	93.5 95.1
≥ 6000 ≥ 5000	95.5 9 7.4	1		96.3 98.3						96.5 98.4		96.5	96.5	96.5 98.4	96.5 98.4	96.5 98.4
≥ 4500 ≥ 4000	97.5 98.2	98 • 5 98 • 6	98.1 98.7	98.4			98.5 99.1			98.5 99.1	98.5 99.1	98.5 99.1	98.5 99.1	98.5 99.1	98.5 99.1	98.5 99.1
≥ 3500 ≥ 3000	98.3 98.5		98.9 99.1	99.2			1	99•4 99•7	99.4 99.7	99.4	99.4	99.4	99.4	99.4	99.4 99.7	99.4 99.7
≥ 2500 ≥ 2000	98.5 98.8		99.1 99.5	99.6	99.6	99.7			99.7 100.0	99.7 100.8	99.7 100.0	99.7	99.7 100.0	99.7	99.7 100.0	99.7 190.0
≥ 1800 ≥ 1500	98 • 8 98 • 8	99.4	99.5 99.5					2			180.0 100.0					1
≥ 1200 ≥ 1000	98 • 8 98 • 8	99.4	99.5 99.5			m	100.0 100.0	2			190.6 100.8			19 0. 0		
≥ 900 ≥ 800	98 • 8 98 • 8		99.5					- : :			100.0			100.9 100.0		
≥ 700 ≥ 600	98 • 8 98 • 8	99.4 99.4	99.5 99.5				100.0 100.0			100.0 100.0	100.0 108.0		100.0 100.0	700.0 100.0	100.0 100.0	
≥ 500 ≥ 400	98 • 8 98 • 8	99.4	99.5 99.5	99.9							100.0				100.0	100.0
≥ 300 ≥ 290	98 • 8 98 • 8	99.4	99.5 99.5	99.9		2 7 7 7			,		100.0 100.0					
≥ 100 ≥ 0	98 • 8 98 • 8	99.4 99.4	99.5 99.5	99.9	1	1 - 7 7	_	7.7	2		100.0 100.0			- 2		100.0

TOTAL NUMBER OF OBSERVATIONS

931

USAF ETAC HE O-14-5 (OL A) MEMOUS SOMORS OF THIS FORM ARE CONDICT

CEILING VERSUS VISIBILITY

29:14

FAIRCHILD AFB NA

69-78

AU6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY IST	ATUTE MIL	ES:						
(FEET:	≥16	≥6	≥5	≥4	≥3	≥2 2	≥2	≥15-	≥1%	≥1	ية ≲	ود≤	ב'י	≥5-16	≥ .	≥0
NO CEILING ≥ 20000	3. 8 84 • 3	33.9 84.4	80.9 84.4		80.9 84.4	80.9 84.4	89.9 84.4	81.1 84.6	81.1 84.6	81.1 84.6	81.1 84.6	81.1 84.6	81.1 84.6	81.1 84.6	61.1 84.6	51.1 84.6
≥ 18000 ≥ 16000	84.7	84.4	84.4	84.4 84.9	84.4 84.9	34.4 84.9	84.9	84.6 85.2		84.6 85.2	84.6 85.2	84.6 85.2	84.6 85.2	84.6 85.2	84.6 85.2	84.6 85.2
≥ 14000 ≥ 12000	25.1 38.2	86•2 88•3	86.5 88.5		86.5 88.5	86.5	86.5 88.5	86.7 88.7	86.7 88.7	86.7 88.7	85.7 86.7	86.7 88.7	86.7 88.7	86.7 88.7	86.7 88.7	86.7 88.7
≥ 10000 ≥ 9000	91.4 93.0	91.5 93.1	91.7 93.3	91.7 93.3	91.7 93.3	91.7 93.3	91.7 93.3	91.9 93.5	91.9 93.5		91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5	91.9 93.5
≥ 8090 ≥ 7000	93.9 96.1	94•0 96•2	94.2	94.2	94 • Z 96 • 5	94.2	94.2 96.5		94.4	94.4 96.7	94.4 96.7	94.4 96.7	94.4 96.7	94.4 95.7	94.4 96.7	94.4 96.7
≥ 6000 ≥ 5000	96.8 97.5	96.9 97.6	97.1 97.8	97.1 97.8	97.1 97.8	97.1 97.8	97.1 97.8	97.3 98.1	97.3 98.1	97.3 98.1	97.3 98.1	97.3 98.1	97.3 98.1	97.3 98.1	97.3 98.1	97.3 98.1
≥ 4500 ≥ 4000	97•7 93•1	97•8 98•2	98.1 98.4	98.1 38.4	98.1 98.4	98 • 1 98 • 4	98.1 98.	98.3 98.6	98.3 98.6	98.3 98.6	98•3 98•6	98.3 98.6	98.3 98.6	98.3 98.5	98.3 98.6	98.3 98.6
≥ 3500 ≥ 3000	98•2 93•6	98•3 99•0	98.5 99.2	98.5 99.2	98.5 99.2	98.5 99.2	98.5 99.2	98.7 99.5	98.7 99.5	98.7 99.5	98.7 99.5	98.7 99.5	98.7 99.5	98.7 99.5	98.7 99.5	98.7 99.5
≥ 2500 ≥ 2000	98 • 8 98 • 9	99•2 99•4	99.5 99.6	99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
≥ 1900 ≥ 1500	98.9 99.5	99.4	99.6	99.6 99.7	99.6 99.7	99•6 99•7	99.6	99.8 99.9	99.8 99.9	99.8 99.9	-99.8 99.9	99.8 99.5	99.8	99.8	99.8 99.9	99.8 99.9
≥ 1200 ≥ 1000	99.5 99.5	99.5 99.5	99.7 99.7	99.7 99.7	99.7	99.7 99.7	99•7 99•7	99.9	99.9	99.9 99.9	99.9 99.9	99.9	99.9	99.9	99.9 99.9	99.9
≥ 900 ≥ 800	99.0 99.0	99.5	99.7 99.7	99.7	99.7 99.7	99.7	99.7	99.9		99.9	99.9 99.9	99.9	99.9	99.9	99.9 99.9	99.9
≥ 7(0 ≥ 600	99.5	99.6	99.8	99.8	99.8	99.8		100-0	130.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	160.0	
≥ 500 ≥ 400	99.0 99.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0 200.0	100-0	100.0	130.0
≥ 300 ≥ 200	99.1 99.1	99.6	99.8	99.8	99.8 99.8	99.8		100.0			100.0 100.0		100.0 100.0		100.0	
≥ 100 ≥ 0	99.0	99.6 99.6	99.9	'''	99.8	99.E 99.6		100.0 100.0		100.0 100.5			100.0 100.0			100.0

TOTAL RUMBER OF OBSERVATIONS.

93

USAF ETAC ALL 44 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORBOTE

CEILING VERSUS VISIBILITY

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FAIRCHILD AFB WA

49-79

AUS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (STA	ATUTE MILE	ES.						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 2	≥2	۵,1 ≷	≥1 %	≥1	يڏ ≤	≥ '•	≥ ÷	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	77.3 31.2	77.2 81.4	77.2 81.5	77.3 81.5	77.3 81.5		77.3 81.6		77.3 81.6	77.3 81.6	77.3 81.6	77.3 81.6	77.3 81.6	77.3 81.6	77.3 81.6	77.3 31.6
≥ 18000 ≥ 16000	91.6 81.9	81.8 82.2	81.8 82.2	81.9 82.3	81.9 82.3	81.9	81.9 82.3	81.9 82.3	82.0 82.3	82.0 82.3	82.E 82.4	82.5 82.4	82.9 82.4	82.0 82.4	52.5 32.4	82.0 82.4
≥ 14000 ≥ 12000	53.1 35.6	83.3	83.4 85.9	83.4 86.5	83.4	83.5 86.0	83.5	33.5 86.1	83.5	83.5 86.1	83.5 86.1	83.5	63.5 86.1	83.5 36.1	83.5 86.1	83.5 86.1
≥ 10000 ≥ 9000	88.5 90.1	89.1 90.3	89.2 90.4	89.2 95.4	89.3	89.3 90.5	89.3 90.5	89.3 90.5	89.4	89.4 90.6	89.4 95.6	89.4	89.4 90.6	89.4 90.6	89.4 90.6	89.4 90.6
≥ 8000 ≥ 7000	91.3 92.6	91.6 93.0	91.7 93.1	91.8	91.8 93.2	91.8	91.9	91.9	91.9	91.9 93.3	91.9	91.9	91.9 93.3	91.9 93.3	91.9 93.3	
≥ 6000 ≥ 5000	93.5 94.9	93.9 95.3	94.3	94.1 95.4	94.1 95.5	94.2 95.5	94.2 95.5	- 1	94.2 95.6	94.2 95.6	94.2 95.6	94.2	94.2 95.6	94.2 95.6	94.2 95.6	94.2 95.6
≥ 4500 ≥ 4000	95.3 96.2	95.7 96.7	95.8 96.3	95.8 96.9	95.9 97.0	95.9 97.0	96.0 97.0		96.0 97.0	96.D 97.D		96.0 97.1	96.0 97.1	96.0 97.1		96.5
≥ 3500 ≥ 3000	96.5 97.5	97.7	97.1 97.8	97.2	97.3 98.0	97.3 98.0	97.3 98.0	97.3 98.1		. 1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1
≥ 2500 ≥ 2000	97•2 97•4	97.9 98.2	98.3	98.1 98.4	98.2 98.5	98.3 98.5					98.3 98.6	98.3 98.6	98.3 98.6	98 • 3 98 • 6		98.3 98.6
≥ 1800 ≥ 1500	97.4 97.6	98.2 98.4	98.3 98.6	98.4 98.7	98.5 98.8	98.8		-8-6 98-8		98.5 98.9	98.6 98.9	98.6 98.9	98.6 98.9	98.6 98.9		98.5 98.9
≥ 1200 ≥ 1000	97.8 97.9	98.7 98.9	98 • 9 99 • 1	99.0	99.1	- 1	99.2	99.2 99.4	99.5	99•2 99•5	99.2 99.5	99.2 99.5		99.2 99.5		99.2 99.5
≥ 900 ≥ 800	97.9 98.0	98.9 99.0	99.1 99.2	99.3	99.4	99.5	99.5	99.6		99.6	99•5 99•6	99.5 99.5	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6
≥ 700 ≥ 600	98.0 98.0	99.0	99.2	99.3	99.5 99.5	99.6	99.7	79.7	99.6 99.7	99.5			99.7 99.8	99.7 99.8	99.8	99.7 99.8
≥ 500 ≥ 400	98.0 98.0	99.1	99.2	99.4	99.6 99.7	99.6 99.7	99.8		99.8 99.9	99.8	99.8 99.9	99.9	99.9	99.8 99.9	99.9	
≥ 300 ≥ 200	98.0 98.0	99.1 99.1		99.4	99.7	99.7 99.7				99.9 99.9		99.9	99.9	99.9	99.9	100.0
≥ 100 ≥ 0	98•0 98•0	99•1 99•1		99.4	99.7 99.7	99.7 99.7	- 1	99.9	99.9	99.9 99.9	99.9 99.9			99.9		180.0

TOTAL NUMBER OF OBSERVATIONS_

7439

USAF ETAC THE O-14-5 (OL A) MEMOUS COMONS OF THIS FORM ARE CHOOSE

CEILING VERSUS VISIBILITY

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FAIRCHILD AFS WA

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V:5	BILITY IST	ATUTE MILI	ES:						
,FEET.	≥10	≥6	≥5	≥4	≥3	≥2つ	≥2	≥157	≥1′a	≥1	ية خ	≥ '9	≥ %	≥5-16	≥•	≥0
NO CEILING ≥ 20000	75.4 7 7. 4	75.1 77.5	75.4 77.9		75.6 78.5	75.6 75.0	75.6 78.0	75.7 78.1	75.7 78.1	75.7 78.1	75.7 78.1	75.7 78.1	75.7 78.1	75.7 78.1	75.7 78.1	75.7 78.1
≥ 18000 ≥ 16000	77.9 73.1	78.0 78.2	78.3 73.6	78.4 78.7	78.4 78.7	78•4 78•7	78.4 78.7		78.6 78.8	78.6 78.8		78.6 78.8			78.6 78.8	78.6 78.8
≥ 14000 ≥ 12000	79.7 31.3	79.8 81.4		85.2 81.9	80.2 81.9	80.2	80.2 81.9	80.3 82.0	80.3 82.0	80.3 82.0		80.3 82.0	80.3 82.0			80.3 82.0
≥ 10000 ≥ 9000	55.4 68.2	85.6 88.3	85.9 88.7	86.0 86.6	85.D 88.B	86.8	86.1 88.9	86.2 89.0	86.2 89.0	86.2 89.0		86.2 89.0	86.2 89.0			86.2 89.0
≥ 8000 ≥ 7000	90.9 92.2	91.0	91.3 92.7	91.4 92.8	91.4	91.4 92.8	91.6	91.7 93.0	91.7 93.0	91.7 93.0	91.7 93.0	91.7 93.0	91.7 93.0			91.7 93.0
≥ 6000 ≥ 5000	92 .3 93 . 8	92.4	92.8 94.3	92.9 94.4	92.9	92.9	93.0	93.1	93.1 94.7	93.1 94.7	93.1 94.7	93.1	93.1 94.7		93.1 94.7	93.1 94.7
≥ 4500 ≥ 4000	94.2 94.9	94.6 95.2		95.1 95.8	95.1 95.8	95.1 95.8	95.2 95.9	95.3 96.0		95.3 96.0	95.3 96.0	95.3 96.0				95.3 96.0
≥ 3500 ≥ 3000	95.3 95.7	95.8 96.1	96.2 96.5	96.3 95.7	96.3	96•3 96•7	96.4	96.6 96.9	96.6	96.6 96.9		- 1	96.6 96.9	96.5 96.9	96.6 95.9	96.6
≥ 2500 ≥ 2000	96.1 96.1	96•4 96•6	1 1 1 1	97.£	97.0 97.2	97.D	97.1 97.3	97.2 97.4		97.2	97.2 97.4	97.2 97.4	97.2 97.4	97.2 97.4	97.2 97.4	97.2 97.4
≥ 1800 ≥ 1500	96.1 96.4	96.7 97.1	97.1 97.6	97.3		97.3 98.0	97.4 98.1	97.6 98.2	- 1	97.5 98.2	97.6 98.2	97.6 98.2	97.6 98.2	97.5 98.2	97.6 98.2	97.6 98.2
≥ 1200 ≥ 1000	96.6 96.6			97.9 97.9	98.1 98.1	98 • 1 98 • 1	95 • 2 98 • 2	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3			98.3 98.3
≥ 900 ≥ 800	96.8 96.8	97.4 97.4	97.9 97.9	98.1 98.1	98.3 98.3	98.3 98.3	98.4 98.4	98.6 98.6	98.6 98.6	98.6 98.6		98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6
≥ 700 ≥ 600	96.9 97.6	97.6 98.2		98.2 98.9	98.4	98.4 99.1	98.5 99.2		98.7 99.3		98.7 99.3	98.7 99.3	98.7 99.3	98.7 99.3	98.7 99.3	98.7 99.3
≥ 500 ≥ 400	97.6 97.8	98.2 98.4	98.7 98.9	98.9 99.1	99.1	99.1	99.2		99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3	99.3 99.7		99.3 99.7
≥ 300 ≥ 200	97.8 97.8	98.4 98.4	98.9 98.9	99.3	99.7	99.8					100.0 100.0			T	100.0 100.0	
≥ 100 ≥ 0	97.8 97.8		98.9 98.9	99.3 99.3	99.7 99.7	99.8 99.8					100.0 100.0			F	C	100.0

TOTAL NUMBER OF COSERVATIONS.

900

USAF ETAC AL 44 0-14-5 (OL A) menous semons of this folial ass contra

CEILING VERSUS VISIBILITY

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FAIRCHILD AFS WA

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SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2300-0500

CEUING							VIS	BILITY 'STA	ATUTE MILI	ES,						
-fEE;	≥10	≥6	≥5	≥4	≥3	≥27	≥?	≥1 ~	≥1%	21	≥ ½	≥ 's	≥ -	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	67.4	67.7 71.0		68.9		68.4 71.8			68.8 72.1			69.0 72.3		59.1 72.4		59.2
≥ 18000	73.9	71.1	71.4	71.4		71.9			72.2	72.3		72.4			72.7	72.6
≥ 16000	71.7	71.9		72.2		;					1			73.3		
≥ 14000	73.2	73.4	73.8	73.8	74.2	74.2	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.9	75.0	75.0
≥ 12000	75.Q	76.3	75.7	76.7	77.1	77.1	77.4	77.4	77.4	77.5	77.7	77.7	77.7	77.8	77.9	77.9
≥ 10000	79.9	80.4	80.6	80.6		81.0	81.3	61.3	81.3	31.4	81.6	81.6	81.6	81.7	81.8	81.8
≥ 9000	63.0	83.3	83.7	83.7	84.1	34.1	84.4	84.4	84.4	£4.5	84.7	84.7	84.7	84.8	84.9	84.9
≥ 8000	86.5	86.3	85.7	86.7		1			87.4	1	87.8	87.8	87.8	87.9	88.1	88.1
≥ 7000	88.7	89.	89.3	89.3					90.2							
≥ 6000 ≥ 5000	89.7	95.3	90.3	90.3						= 1	91.6	1		91.7		
	91.3	91.7	92.	92.0					92.9							
≥ 4500 ≥ 4000	91.9	92.3	92.7	92.7		93.1	93.6				93.9			94.0		1
	92.4	92.9	93.2						94.1			94.4	94.4	94.6		
≥ 3500 ≥ 3000	92.7	93.1	93.4	93.4						94.6						95.0
	92.9	93.3	93.7					94.5						95.0		
≥ 2500 ≥ 2000	93.7 93.8	94.2	1						95.3							96.5
	73.9	94.3	94.7					95.4		95.3		95.9		95.9		
≥ 1800 ≥ 1500	94.1	94.7						96.0								96.7
≥ 1200	94.3	94.9							95.2					95.7		
≥ 1000	94.5	95.1	95.4			96.0				96.7			96.8			
≥ 900	94.9	95.4	95.2													97.4
≥ 800	94.9	95.4														
≥ 700	95.1	95.7	96.0	96.0					97.0					97.4		
≥ 600	95.6	1			97.0			97.4						97.9		
≥ 500	95.8		96.9						97.9		98.2			98.3		
≥ 400	96.0	1	97.2		98.0	- 1					99.0					99.4
≥ 300	96.0	96.8	97.2	97.7	98.3	98.3	99.0		99.6					99.4		
≥ 200	96.3	96.8	97.2			98.4			99.1		1			97.6	99.9	99.9
≥ 100	96.5	95.5	97.2		98.4		99.1							99.5		100.0
≥ 0	96.5	96.8	97.2	97.7	98.4	98.4	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS,

998

USAF ETAC RAW 0-14-5 (OL A) menous remons or his rosu are ossor

CEILING VERSUS VISIBILITY

2-14

FAIRCHILD AFB WA

9-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 2500-0800</u>

CEILING							vis	BILITY STA	ATUTE MILI	ES						
·fEET·	≥10	≥6	≥5	≥4	≥3	≥2 -;	≥2	217	21%	≥1	≥ ¹ •	≥ 1,	≥ '>	≥5 16	≥.	≥c
NO CEILING	62.7 66.3	64.0 63.3	64 · 1	64.4 68.7	64.4 68.9	64.4 68.9	64.5 69.3	54.6 69.2		64.5 69.2		1	65.0 69.5			65.4 75.1
≥ 18000 ≥ 15000	67.3 67.4	58.7 63.9	63.9 69.0	69.2	69.3	69.3 59.4		59.6 69.7		69.5 69.7		59.9 73.0		70.0		
≥ 14000 ≥ 12000	69.1 73.1	73.5	72.9 75.1		71.3 75.5	71.3 75.5	71.4 75.5				71.7 76.3		72.3 76.2	72.0 76.2		72.5 76.8
≥ 10000	75.6 78.2	78.5	78 • 5 80 • 3	• • • •	79.2 87.8	79.2 63.8					79.8 81.3	79.9 81.4				80.5 52.1
≥ 8000 ≥ 7000	21.6 23.3	33.6 85.3	85 • 7	84.3 86.0	94.4 55.1		84.6 56.3		85.9 86.7	85.0 86.7		35.2 86.9	85.3 87.5			
≥ 6000 ≥ 5000	34.4 86.1	86.4	86.a 88.3	87.3 83.9		87.5 89.1						58.3 90.3			38.7 90.5	39.1 91.5
≥ 4500 ≥ 4000	86.4 87.2	36.4 89.3	88.5 89.7			89.5 93.4				95.2 91.1		98.4 91.3	90.5 91.4	90.5 91.4	91.3 91.9	
≥ 3500 ≥ 3000	57.8 58.2	99.9 9û.7		91.8	92.9	91.0 92.0	91.3 92.3		91.7 92.7	91.7 92.7	92.8	91.9 92.9	92.0 93.0			
≥ 250U ≥ 2000	89.J 89.1	91.9 91.5	92•1 92•1	92.5 92.5	93.0	92.8 93.0		93.4 93.7	93.4 93.7	93.4 93.7	93.5 93.8			93.5 94.0	94.2 94.4	94.7 94.9
≥ 1800 ≥ 1500	89.1 89.2	91.5 91.7	92.1 92.2	92.6 92.9	93.1	93.0 93.1		93.5	93.8	93.7 93.8			94.0 94.1	94.0 54.2	94.4 94.5	94.9 95.0
≥ 1200 ≥ 1000	92.1 94.7	92.5 93.1	93.8	93.6	94.7	94.7	95.0	95.3	94.7 95.3	94.7 95.3	95.4	94.9 95.6	95.7	95.0 95.7	96.1	96.6
≥ 900 ≥ 800	93.9 91.5		94.1 94.1	94.7		95.2		96.0	96.C	96.0	96.1		96.3	95.9 96.3	96.3 95.8	97.2
≥ 700 ≥ 800	91.5	93.9	94.5 94.7	95.3 95.4	95.7 95.2	95.8	96.1	96.6		96.4 96.6	96.7	96.7 96.5		96.8 96.9	97.2 97.3	97.8
≥ 500 ≥ 400	91.7	54.1 94.2	94.3					97.0	97.C		97.3		97.6	97.1 97.6	97.6 93.1	98.6
≥ 300 ≥ 200	51.7 91.7	94.2	94.9	96.0	96.6	96.6 96.6	97.0 97.0	97.4	97.4	97.7	97.5	97.9		98.0	98.6	99.7
≥ 100 ≥ V	71.7 71.7	94.2	94.9	96.0		95•6 96•6						97.9 97.9			98.6 98.5	100.0

TOTAL NUMBER OF OBSERVATIONS.

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USAF ETAC COM 0-14-5 (OL A) Menous sonord or his form set desour

CEILING VERSUS VISIBILITY

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FAIRCHILD AFS WA

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY O3SERVATIONS)

3900-1100

CEILING							VIS	IBILITY (STA	ATUTE MILI	Ε.						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥21⁄2	≥ 2	215	≥114	≥1	≥ 1,4	≥ >₀	2 ⅓	≥5-16	≥.	≥0
NO CEILING ≥ 20000	54.4 68.7	65.6 69.9	65.9 73.3	65.9 70.4	65.9 70.4	65.9 70.4	65.9 70.4	65.9 70.4	65.9 70.4	65.9 70.4	65.9 70.4	65.4 70.4	65.9 70.4	65.9 7 0. 4	65.9 73.4	65.9 70.4
≥ 18000 ≥ 16000	58.8 59.2	70.1 70.6	70.6 71.9	71.1	72.7 71.1	70.7	70.7 71.1	70.7 71.1	70.7 71.1	70.7 71.1	70.7 71.1	70.7 71.1	70.7 71.1	70.7 71.1	70.7 71.1	70.7 71.1
≥ 14000 ≥ 12000	70.9 73.8	72.4 75.3	75.8	75.9	73.0 75.9	73.0 75.9	75.9	75.9	73.0 75.9	75.9	76.E	73.0 76.0	73.0 76.0	73.0 76.0	73.0 76.0	73.0 76.0
≥ 10000 ≥ 9000	77.8	79.4 81.0	81.6		30.2 81.8	8J.2 81.8	80.2		80.2	85.2	8C.3 81.9	80.3	80.3	80.3 81.9	80.3	80.3
≥ 8000 ≥ 7000	82.6	87.4		88.1	85.2 88.2	85.2	85.2 88.2	$\overline{}$	85.2	85.2 88.2	85.3	85.3 88.3	85.3	85.3 88.3	85.3 88.3	85.3
≥ 6000 ≥ 5000	87.2	88.3			90.0	90.0	89.1 90.0		95.0			93.1	90.1	90.1	90.1	95.1
≥ 4500 ≥ 4000 ≥ 3500	87.3 88.1 88.9	89.4 96.3 91.1	90.3 91.3	97.1 91.1	90.2 91.2 92.0	90.2	90.3	- 1	90.3 91.3	90.3 91.3 92.1	90.4 91.4 92.2	90.4 91.4 92.2	90.4 91.4 92.2	90.4 91.4 92.2	90.4 91.4 92.2	90.4 91.4
≥ 3000	89.8	92.1	93.0	93.1 94.0	93.3	92.0 93.3	92.1 93.4 94.3	93.4	93.4		93.6	93.6	93.6	93.6		93.6
≥ 2500 ≥ 2000 ≥ 1800	90.8	93.4	94.4		94.9	94.9	95.0 95.1		95.0	95.1	95.1	95.1	95.1	95.1	95.1 95.2	95.1 95.2
≥ 1500	91.3	94.2	95.2		95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000 ≥ 900	92.7	95.7	96.7	96.9	97.4	97.2	97.3			97.3		97.4		97.4	97.4	97.4
≥ 800	92.8 93.0	96.2	97.2	97.4	97.8	97.8	97.9	97.9	97.9	97.9	98.0		98.0	98.0		1 1
≥ 600	93.2	96.4	97.8	98.2	98.8			1 1		98.9	1 1	99.0	99.0	99.0	99.0	99.0
≥ 400 ≥ 300	93.2	96.4			99.0	99.0	99.2	99.4	99.4	99.1	99.3	99.3				99.3
≥ 200	93.2 93.2	96.6			99.2						100.0					
≥ 0	93.2	96.6	97.9		99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	103.0

TOTAL NUMBER OF OBSERVATIONS.

900

USAF ETAC JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

24)14

FAIRCHILD AFB WA

59-78

SEP

PERCE .AGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1400

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ ¹ ⁄4	≥ 2/9	≥%	≥5/16	د (۸	≥0
NO CEILING ≥ 20000	59.1 33.4	63.4 65.2		61.6 66.6	61.6 66.6	61.7 66.7	61.7 66.7	61.7 66.7	61.7 66.7	61.7 66.7	61.7 66.7	61.7 66.7	61.7 66.7	61.7 66.7	61.7 66.7	61.7 66.7
≥ 18000 ≥ 16000	63.6 53.7	65.3 65.4	66.2 66.3	66.8	66.7 66.9	66.8 67.0	66.8 67.0	66.8 67.£	66.8 67.0	66.8 67.0	66.8 67.0	66.8 67.0	66.8 67.0	66.8 67.0		66.8 67.D
≥ 14000 ≥ 12000	55.3 68.1	67.1 70.0		68.7 71.7	68.8 71.8	68.9 71.9	68.9 71.9	68.9 71.9	68.9 71.9	68.9 71.9	68.9 71.9	68.9 71.9	68.9 71.9	68.9 71.9	68.9 71.9	68.9 71.9
≥ 10000 ≥ 9000	71.6 73.1	73.8 75.3	74.8 76.4	77.2	75.7 77.3	75•8 77•4	75•8 77•4	75 • 8 77 • 4	75.8 77.4	75•8 77•4	75.8 77.4	75.8 77.4	75.8 77.4	75.8 77.4	75.8 77.4	
≥ 8000 ≥ 7000	75.1 7 7.3	77.4	78.6 80.8	79.3 81.7	79.4 81.8	79.6 81.9	79.6 81.9	79.6 81.9	79.6 81.9	79.6 81.9	79.6 81.9	79.6 81.9	79.6 81.9	79.6 81.9	79.6 81.9	79.6 81.9
≥ 6000 ≥ 5000	78.2 81.4	86 83.9	81.7 85.0	82.6 85.9	82.7 86.0	82.8 85.1	82.8 86.1	82.8 86.1	82.8 86.1	82.8 86.1	82.8 86.1	82.8 86.1	82.8 86.1	82.8 86.1	82.8 86.1	82.8 86.1
≥ 4560 ≥ 4000	83.2 85.3	85.7 88.1	86.8 89.2	87.7 90.2	87.8 90.3	87.9 90.4	87.9 90.4	87.9 96.4	87.9 90.4	87.9 90.4	87.9 90.4	87.9 90.4	87.9 90.4	87.9 90.4	87.9 90.4	87.9 90.4
≥ 3500 ≥ 3000	37.1 89.8	89.9 92.8	91.1 93.9	92.0 94.9	92.1 95.5	92.2 95.1	92.2 95.1	92.2 95.1	92.2 95.1	92.2 95.1	92.2 95.1	92.2 95.1	92.2 95.1	92.2 95.1	92·2 95·1	92.2 95.1
≥ 2500 ≥ 2000	90.8 92.1	94.0 95.7	95•1 96•8	96.1 97.9	96.2 98.0	96.3 98.1	96.3 98.1	96.3 98.1		96.3 98.1	96.3 98.1	96.3 98.1		96.3 98.1	96.3 98.1	96.3 98.1
≥ 1800 ≥ 1500	92.4 92.4	95.9 96.1			98•2 98•4		98.3 98.6	98.3 98.6		98.3 98.6	98.3 98.6					
≥ 1200 ≥ 1000	92.7 93.0	96.9		98.8 99.1	98.9 99.2	99.0 99.3	99.0	99.0 99.3		99.0 99.3					1 -	
≥ 900 ≥ 800	93.0 93.1	96.9 97.1	L .		99.2 99.3		99.3 99.4	99.3 99.4			99.3 99.4	99.3 99.4				99.3 99.4
≥ 700 ≥ 600	93.1 93.1	97.1 97.1	98 • 2 98 • 2		99.4 99.6		99.6 99.7	99.6 99.7	99.6	99.6 99.7	99.6	99.6 99.7		99.6 99.7	99.6 99.7	99.6 99.7
≥ 500 ≥ 400	93.1 93.1	97.1 97.1	98.2 98.2		99.6		99.7	99.7		99.7 99.9	99.7		99.7 99.9			99.7 99.9
≥ 300 ≥ 200	93.1 93.1	97.1 97.1	98.2	99.4		99.8 99.8				7	100.0 100.0					100.0
≥ 100 ≥ 0	93.1 93.1	97.1 97.1	,		99.7 99.7		-				100.0 100.0					100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC HULGA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3395

e

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFS WA

49-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	21⅓	≥114	≥1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	52 · 3 68 • 9	63.7 73.6	64.2 71.1	64.3 71.3		64.3 71.3	64.3 71.3	64.3 71.3	64.3 71.3	64.3 71.3	1	64.3 71.3	64.3 71.3	64.3 71.3	64.3 71.3	
≥ 18000 ≥ 16000	69 .1 59 .3	73.8 71.0	71.3 71.6	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8	71.6 71.8
≥ 14000 ≥ 12000	71.0 73.4	72.8 75.4			73•7 76•3	73•7 76•3	73.7 76.3	73.7 76.5	73.7 76.3	73.7 76.3	73.7 76.3	73.7 76.3	73•7 76•3	73•7 76•3	73.7 76.3	73.7 76.3
≥ 10000 ≥ 9000	79.5 81.2	81.0 83.2	81.7 84.0	81.9 84.2		82.0 84.3	82.0 84.3	82.0 84.3	82.0 84.3	82.C 84.3	82.0 84.3	82.0 84.3		82.0 84.3	82.0 84.3	82.D 84.3
≥ 8000 ≥ 7000	84.4 86.2	86.6 88.3	87.4 89.2	87.7 89.4	87.8 89.6	87.8 89.6	87.8 89.6	87.8 89.6	87.8 89.6	87.8 89.6	87.8 89.6	87.8 89.6	87.8 89.6	87.8 89.6	87.8 89.5	87.8 89.6
≥ 6000 ≥ 5000	37.6 89.6	99.7 91.7	90.6 92.6	90.8 92.8	92.9	90 .9 92 . 9	90.9 92.9		90.9 92.9	90.9 92.9			98.9 92.9	90.9 92.9	90.9 92.9	92.9
≥ 4500 ≥ 4000	91.1	93.1 95.1	94.3	94.2		96.3	94.3 96.3	94.3 96.3	94.3 96.3	94.3 96.3			94.3 96.3	94.3 96.3	94.3	
≥ 3500 ≥ 3000	93.7 94.6	95.8 97.0	96.7 97.9	96.9 98.2	98.3	98.3	97.0 98.3		97.0 98.3	97.0 98.3	97.0 98.3	98.3	97.0 98.3	97.0 98.3	97.0 98.3	
≥ 2500 ≥ 2000	94.7 95.5	97.1 97.4	98.0 98.3	98.3 98.7	98 • 4 98 • 8	98.8	98.4 98.8	98.4 98.8	98 • 4 98 • 8	98.4 98.8	98.4 98.8	98.4 93.8	98 • 4 98 • 8	98.4 98.8	98.4 98.8	98.4 98.8
≥ 1800 ≥ 1500	95.0 95.1	97.4 97.6	98.3 98.4	98•7 98•8		98.9	98.8 98.9	98 • 8 98 • 9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9
≥ 1200 ≥ 1000	95 • 1 95 • 4	97.6	98.8	98.8	99.3				98.9 99.3					98.9 99.3	98.9	
≥ 900 ≥ 800	95.4	97.9 98.0	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.3	99.4	99.3	99.3	99.4	99.4
≥ 700 ≥ 600	95.6 95.6	98•0 98•0	98.9 98.9		99.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.4	99.4	99.7
≥ 500 ≥ 400	95.6 95.6	98.0 98.0	98.9	99.3	99.7			99.7	99.7 99.7	99.7 99.7	99.7	99.7	99.7		99.7	
≥ 300 ≥ 200	95.6 95.6	98.0 98.0		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.g	100.0
≥ 100 ≥ 0	95.6 95.6	98.0 98.5												100.0 100.0		100.0

TOTAL NUMBER OF OBSERVATIONS 901

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

20114

FAIRCHILS AFB WA

9-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISI	BILITY (STA	ATUTE MIL	£5						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1%	≥1%	≥1	≥ 1/4	≥ '⁄9	≥4	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	58.8 74.0	69.4 74.9	69.6 75.5	69.9 75.4	70.1 75.7	70.1 75.7		70.3 75.9	70.3 75.9	70.3 75.9	70.3 75.9	70.3 75.9		75.3 75.9	70.3 75.9	76.3 75.9
≥ 18000 ≥ 16000	74 • Z	75.1 75.4	75.2 75.6	75.7 76.1	75.9 76.2	75.9 76.2		76.1 76.4	76.1 76.4	76.1 76.4	76.1 76.4	76.1 76.4	76.1 76.4	76.1 76.4	76 • 1 76 • 4	
≥ 14000 ≥ 12000	75.3 77.9	76.2 78.8	76.3 78.9	76.8 79.3	77.5 79.6	77.6	77.1 79.7	77.2 79.8	77.2 79.8	77.2 79.8	77.2 79.8	77.2 79.8	77.2 79.8	77.2 79.8	7 7 • 2	
≥ 10000 ≥ 9000	83.U 85.3	84.2	84.3	84.8 87.2	85.5 87.4	85.3 57.4	35.1 87.6	85.2 87.7	85.2 87.7	85•2 87•7	85.2 87.7	85.2 87.7	85.2 87.7	85.2 87.7	85.2 87.7	
≥ 8000 ≤ 7000	89.1 90.8	90.7 92.3	90.8	91.2	91.4	91.4	91.6 93.2	91.7 93.3	91.7	91.7 93.3	91.7	91.7 93.3	91.7 93.3	91.7 93.3	91.7 93.3	91.7 93.3
≥ 6000 ≥ 5000	91.8 92.4	93.3 94.E	93.4 94.1	93.9 94.6	94.1	94.8 94.8	94.2		94.3 95.0	94.3 95.0	94.3 95.5	94.3 95.0	94.3 95.0	94.3 95.0		94.3 95.0
≥ 4500 ≥ 4000	93•3 94•8	95.1 96.4	95.1 96.6	95.6 97.0	95.8 97.2			96.0 97.4	96.£		1	96.0 97.4		96.0 97.4		
≥ 3500 ≥ 3000	95.0 95.3	96.7 97.2	96.8 97.3		97.4 98.0			97.7 98.2			97.7 98.2			97•7 98•2	. , ,	
≥ 2500 ≥ 2000	95.4 95.4	97.2 97.3	97.3 97.4		98.0 98.1	98.0 98.1	98.2	98.3	98.3	98.3	98.2 98.3		98.3	98.3		
≥ 1800 ≥ 1500	95.4 95.7	97.3 97.6	97.4 97.7	1	98 • 1 98 • 3	98•1 98•3	98 • 2 98 • 4				98.3 98.6					1 7 7 7
≥ 1200 ≥ 1000	95.7 95.9	97.6 97.8	97.9		98.3 98.6		98 • 4 98 • 7		98.6		98.6 98.8			98 • 6 98 • 8		98.6 98.8
≥ 900 ≥ 800	95.9 96.1	97.8 98.1	97.9	98.7	98.6 98.9	98.9	99.0		99.1	99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	99.1	98.8 99.1
≥ 700 ≥ 600	96.0 96.1	98•1 98•3	98.6	99.0	98.9 99.2	99.2	99.3		99.4	99.4	99.1 99.4		99.4		99.4	
≥ 500 ≥ 400	96.1 96.1	98•3 98•3	98.7 98.7	99.1 99.1	99.4	99.4	99.6	99.7		99.7	99.7 99.7	99.7 99.7	99.7	99•7 99•7	99.7	
≥ 300 ≥ 200	96.1 96.1	98•3 98•3	98 • 8 98 • 8	99.2	99.7	99.7 99.8	99.9	100.0	180.0	100.0		100.0	100.0			
≥ 100 ≥ 0	96.1 96.1	98•3 98•3	98.8	99.2 99.2	99.7 99.7					100.0					<u> </u>	L

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC TOTAL 0-14-5 (OL A) MENDUS EDITIONS OF THIS FORM ARE DESCRET

Control of the State of the Sta

5396

CEILING VERSUS VISIBILITY

20.14

FAIRCHILD AFB WA

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES:						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	21%	≥1%	≥1	يڏ ≤ِ	≥ '₄	ځ' ≤	≥5 16	٨	≥0
NO CEILING ≥ 20000	76.1 79.6	76.8		76.9 80.4	76.9 80.4	76.9 80.4	76.9 80.4	76.9 80.4	76.9 80.4		76.9 80.4	76.9 80.4	76.9 80.4	76.9 80.4	76.9 80.4	76.9 80.4
≥ 18000 ≥ 16000	79.9 87.3	8u.7	87.£ 80.9	82.8 80.9	82.8 89.9	89.8 80.9	80.8 80.9	80.8 80.9	80.6 80.9	80.8 80.9	80.8 80.9	80.8 80.9	80.8 80.9	80.8 80.9	80.8 80.9	80.8 80.9
≥ 14000 ≥ 12000	81.0	81.9	82.1 83.2	82.J 83.2	82.0 83.2	82.0 33.2	82.0 83.2	82.0 83.2	82.F	82.0 83.2	82.0 83.2	82.0 83.2	82.0 83.2		82.0 83.2	82.0 83.2
≥ 10000 ≥ 9000	87.6 89.6	88.4 93.4	777	88.6	88.6	88.6 90.6	88.6 90.6	88.6 90.6	88.6 90.6	88.6 90.6	88.6 90.6	88.6 99.6	88.6 93.6	88.6 90.6	88.6 90.6	88.6 93.6
≥ 8000 ≥ 7000	91.1 92.3	92.0		92.1 93.3	92.1	92.1 93.3	92.1 93.3	92.1 93.3	92.1 93.3	92.1 93.3	92.1 93.3	92.1 93.3	92.1 93.3	92.1	92.1 93.3	92.1 93.3
≥ 6000 ≥ 5000	92.6 94.8	93.4	93.6 95.3	93.6 95.3	93.6	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6 95.3	93.6
≥ 4500 ≥ 4000	94.9 96.2	96.1	96.2	95.2 97.6	96.2	96.2 97.6	96.2	96.2 97.6	96.2 97.6	96.2 97.6	96.2 97.6	96.2 97.6		96.2 97.6	96.2 97.6	96.2
≥ 3500 ≥ 3000	96.8 97.0	98.0 98.2	98.1 98.3	98.1 98.3	98 • 1 98 • 3	98.1 98.3	98.1 98.3	98 • 1 98 • 3	98.1 98.3	98.1 98.3	98.1 98.3	98 • 1 98 • 3	98.1 98.3	98 • 1 98 • 3	98.1 98.3	
≥ 2500 ≥ 2000	97.0 97.0	98.4 98.4	98.5 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98 • 6 98 • 6	98.6 98.6	98.6 98.6	98.6 98.5	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6
≥ 1800 ≥ 1500	97.0 97.0	98.4 98.4	98.5 98.6	98.6 98.6	98 • 6 98 • 6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 93.6		98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6
≥ 1200 ≥ 1000	97.2 97.3	98.7	98.8 98.9	98.8 93.9	98.8 98.9	98.8 98.9	98.8 98.9	98 • 8 98 • 9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8	98.8 98.9	98.8 98.9	98.8 98.9
≥ 900 ≥ 800	97.3 97.4	98.8	98.9 99.1	98 .9 99 . 1	98.9	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1		98.9 99.1	98.9 99.1	98.9 99.1
≥ 700 ≥ 600	97.6 97.6	99.2	99.3 99.6	99.3 99.6	99•3 99•6	99.3 99.6	99.3		99.3 99.6		99.3 99.6	99.3 99.6		99.3 99.6	99.3 99.6	99.3
≥ 500 ≥ 400	97.6 97.7	99.3	99.5 99.7	99.6 99.7		99.6 99.7	99.6					99.6 99.7		99.5 99.7	99.6 99.7	
≥ 300 ≥ 200	97.7 97.1	99.4		99.7 99.7	99•7 99•7	99•7 99•8	99.8 100.0		99.8 100.0		99.8 100.0	99.8 100.0		99.8 100.0	99•8 180•8	1 1
≥ 100 ≥ 0	97.7 97.7	99.4		99.7 99.7	99.7 99.7			AR 5						100.0 100.0	7 25 - 7 - 7	

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL. A) MEMOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFE WA

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	21'5	≥1%	≥1	≥ %	≥ >9	Σ.,.	≥5.16	2.4	≥0
NO CEILING ≥ 20000	67.5	67.8	68.1 72.6	68.3 72.8	68.4 72.9	68 • 4 72 • 9	68.5 73.0	68.5 73.0	68.5	68.5	68.6 73.1	68.6 73.1	68.6 73.1	68.6 73.1	68.6 73.1	
≥ 18000	/1.5	72.5	72.8	73.1	73.1	73.2	73.2	73.3			73.3	73.3		73.4	73.4	
≥ 1600C	71.7	72.3	73.1	73.3	73.5	73.5	73.5	73.6		1		73.6			73.7	1
≥ 14000	73.2	74.3	74.7	74.9	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	
≥ 12000	75.7	76.9	77.3	77.6	77.7	77.7	77.7	77.8	77.8	77.8		77.9	77.9	77.9	77.9	78.0
≥ 10000	85.1	81.4	81.6	82.1	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	
≥ 9000	82.2	83.5	64.1	34.2	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 8000	35.1	86.5	87.	87.2	87.4	87.4	87.5	87.6	37.5	87.6	87.6	87.6	87.7	87.7	87.7	87.3
≥ 7000	â7.1	88.5	88.9		89.3	<u>89.3</u>	89.5	89.5		89.6	89.6	89.6	89.6	89.6	29.7	29.7
> 6000	37.9	89.3	89.7	90.0	90.2	95.2	90.3	90.4			98.5	90.5			90.6	,
≥ 5000	89.5	91.0	91.4	91.7				92.1							92.3	
≥ 4500 ≥ 4000	93.3	91.6	92.3	92.6	1	92-8	92.9	93-0	93.0		- 1	93.1			93.2	1 1
	91.5	93.1	93.5					94.3							94.5	
≥ 3500	92.2	93.8	94.3	94-6	,	94.7	- 1	95.0	95.0		. 1	95.D			95.2	
	92.9	94.7		95.6		95.7	95.9	95.9								
≥ 2500 ≥ 2000	93.7	7		96 • 1 96 • 5	96.3 96.7		96.4		96.5							1
≥ 1800	93.7	95.6	96.2			96.8	96.8	96.9	96.9	96.9	97.1	97.1		97.0		
≥ 1500	93.9	95.9			97.1	1		- 1				97.4	97.4	97.4		
≥ 1200	94.2	95.3	96.8	97.2		97.4	97.6	97.7	97.7		97.7	97.7	97.7	97.8	97.8	
≥ 1000	94.5	95.6		97.5	* * * * * * * * * * * * * * * * * * * *	97.8		98.0					98-1	98.1	98.2	
≥ 900	94.6	96.7	97.3	97.6		97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	
≥ 800	94.7	96.8	97.4	97.8	1	98.1	98.2	98.3	98.3			98.4		98.4		
≥ 700	94.8	97.5	97.5	98.0	98.2		98.4	98.5	98.5		98.6	98.6	98.6	98.6		
≥ 600	95.0	97.2	97.9	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.1
≥ 500	95.1	97.2	97.9	98.4	98.7	98.7	98.9	99.0	99.0	99.0	99.B	99.1	99.1	99.1	99.2	99.2
≥ 400	95.1	97.3	98.0	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.5
≥ 300	95.1	97.3	98.1	98.7	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	95.1	97.4	98.1	98.7	99.1					99.6						99.9
≥ 100	95.1	97.4	98.1		99.1				99.5		99.7	99.7		99.7		100.0
≥ 0	95.1	97.4	98.1	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS...

7199

USAF ETAC JULIA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESOURT

5397

CEILING VERSUS VISIBILITY

24 14

FAIRCHILD AFB WA

69-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MILI	ES,						
·FEET	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	≥1%	≥1%	≥1	≥ 1,,	≥ ',,	≥ 2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	67.1 58.5	67.3	67. 3 68.6	67.1 68.7	67.1 68.7	57•1 68•7	67.5 69.1	67.5 69.1	67.5 69.1	67.7 69.4	67.8 69.6	68.C 69.7	68 • 2 69 • 9	68.4 70.1	68.6 70.3	69.7 71.4
≥ 18000 ≥ 16000	69.6 59.9	69.5		69.7	69.7	69.7 73.0	70.1 73.4	70.1	70.1 70.4	70.3 70.6	78.5 78.9	70.6 71.0	70.9 71.2	71.1	71.3 71.6	72.4
≥ 14000 ≥ 12000	72.2 74.1	72.2	72.2 74.1	72.3	72.3	72.3 74.3	72.8 74.8	72.8 74.8	72.8	73.0 75.1	73.2 75.3	73.3 75.4	73.5 75.6	73.8 75.8	74.0 76.0	
≥ 10000 ≥ 9000	78•2 35•2	78.2 80.2		78.3 80.3	78.3 89.3	78•4 80•4	73.9 81.0	78.9 81.0	78.9 81.0	79.1 81.2	79.4 81.4	79.5 81.5	79.7 81.7	79.9 81.9	80.1 82.2	
≥ 8000 ≥ 7000	53.5			82.5 83.7	82.5 83.7	82.5 83.8	83.1 84.3	83.1	83.1 84.3	83.3	83.5 84.7		83.9 85.1	84.1 85.3	84.3	85.5
≥ 6000 ≥ 5000	έ5•6 ε7•4			85.7 87.8	85.7	85.8 88.1	86.3 33.6	96.3 88.6	86.3 88.6	86.6 88.8	85.8	86.9	87.1 89.4	87.3 89.6	87.5 89.8	88.7 91.0
≥ 4500 ≥ 4000	68.1 38.9	89.2	7	88.5	88.6		89.2 90.2	99.2 90.2	89.2 90.2	89.5 90.4	89.7 90.6	89.8 90.8	90.0 91.0	90.2	90.4 91.4	91.6
≥ 3500 ≥ 3000	88.9 89.5	89.2 90.0		89.5 90.3			90.2 91.1	90.2	96.2 91.1	90.4	90.6 91.5		91.0 91.8		91.4 92.3	92.6 93.4
≥ 2500 ≥ 2000	90•3 90•4	90.9	91.1 91.2	91.2 91.3	91.5 91.6		92.2 92.3	92·2 92·3	92.2 92.3	92.4 92.5	92.6 92.7		92.9 93.0	93.1 93.2	93.3 93.4	
≥ 1800 ≥ 1500	90.4 90.6	91.4	91.3 91.8	91.4 91.9	91.7 92.5		92.4 93.1	92.4 93.1	92.4 93.1	92.6 93.3	92.8 93.5	92.9 93.7	93.1 93.9	93.3 94.1	93.5 94.3	94.7 95.5
≥ 1265 ≥ 1000	95.9	91.4 91.7	91.8 92.2	91.9 92.3	92.5 93.0	92.6 93.1	93.1 93.7	93.1 93.8	93.1 93.8	93.3 94.0	93.5 94.2	93.7 94.3	93.9 94.6	94.1 94.8	94.3 95.1	95.5 96.2
≥ 900 ≥ 800	91.2 91.2	91.8 92.1	92•3 92•5	92.4 92.6	93.1 93.3		93.8 94.0	93.9	93.9 94.1	94.1 94.3	94.3 94.5		94.7	94.9 95.2	95.2 95.4	96.5 96.7
≥ 700 ≥ 600	91.6 91.6			93.0 93.1	93.8 93.9	94.0	94.4 94.5		94.5 94.6	1		95.1 95.2		95.6 95.7		97.1 97.1
≥ 500 ≥ 400	91.6 91.6	93.4		93.7 94.1		95.4	95.3 95.9	96.0	95.4 96.0	95.6 96.3	96.6			97.2	97.5	
≥ 300 ≥ 200	91.6 91.6	93.5	94.1	94.3	95.5 95.5	95.6	96.1 96.1	96.2			96.9	97.0	97.3	97.7	98.4	99.9
≥ 100 ≥ 0	91.6 91.6			94.3 94.3	95.5 95.5		96.1 96.1			96.6 96.6				97.8 97.8		100.0

TOTAL NUMBER OF OBSERVATIONS,

93

USAF ETAC RITAL 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM AND DESCRE

-D#T# PROCESSING BRANCH UGAF STAC AIR WEATHEP SEPVICE/MAC

CEILING VERSUS VISIBILITY

74:14

FAIRCHILD AFS WA

69-78

__<u>2C</u> - _

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C350-0500

CEILING							VIS	BILITY IST	ATUTE MILE	ES1						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥1%	≥1	≥ 1.	≥36	د, ₹	≥5 18	≥ ∿	≥0
NO CEILING ≥ 20000	61.3	62.5		62.9	63.1	63.2	63.2	63.3		53.4	63.5	63.5	63.8	63.8	64.2	65.2
	65.5	66.1	66.5	66.6	66.8	56.9	65.9	67.0	67.C	67.1	67.2	67.2	67.4	67.4	68.0	
≥ 18000	66.2	56.9	67.2	67.3	67.5	67.6	67.6	67.7	67.7	67.8	68.0	68.0	68.2	68.2	68.7	69.7
≥ 16000	66.7	67.5		68.0	68.2	68.3	68.3	66.4	68.4	68.5	68.6			68.8		70.3
≥ 14000	58.8	69.5	1	75.0	70.2	70.5	70.5	70.6	70.6	70.8	70.9	70.9	71.1	71.1	71.6	72.6
≥ 12000	70.1	70.8	-	71.3	71.5	71.8	71.8	71.9	71.9	72.3	72.2	72.2	72.4	72.4	72.9	74.0
≥ 10000	13.4	74.2	74.5	74.7	74.9	75.3	75.3	75.4	75.4	75.5	75.6	75.6	75.8	75.8	76.5	77.5
≥ 9000	76.1	76.9	77.2	77.4	77.6	78.0	78.D	78.1	78.1	78.2	78.3	78.3	78.5	78.5	79.1	80.2
≥ 8000	79.0	79.a	80.1	80.3	80.5	80.9	80.9	81.0	61.0	81.1	81.2	81.2	81.4	81.4	82.0	83.1
≥ 7000	80.4	81.2	81.5	81.7	81.9	82.3	82.3	82.5	32.5	82.7	82.8	82.8	83.2	83.3	83.7	84.7
≥ 6000	81.8	82.6	82.9	83.1	83.3	83.7	83.7	83.9	83.9	84.1	84.2	84.2	84.4	84.4	85.1	86.1
≥ 5000	83.3	84.2	84.5	84.7	84.5	35.3	85.3	85.5	85.5	85.7	85.8	85.8	86.0	86.0	86.7	87.7
≥ 4500	8.53	84.6	84.9	85.2	85.4	85.7	85.7	85.9	85.9	86.1	86.2	86.2	86.5	85.5	87.1	88.2
≥ 4000	85.3	86.2	86.6	86.8	87.0	87.3	87.3	87.5	87.5	87.7	87.3	87.8	85.1	88.1	58.7	89.8
≥ 3500	35.4	86.5	86.9	87.1	87.3	67.6	87.6	87.8	87.8	88.1	88.2	88.2	88.4	88.4	89.0	90.1
≥ 3000	85.8	87.0	87.5	87.7	88.1	88.4	88.5	88.8	88.E	89.0	89.1	89.1	89.4	89.4	90.0	91.1
≥ 2500	37.0	88.2	88.7	83.9	89.4	39.7	89.8	93.1	90.1	90.3	90.4	98.4	90.6	90.6	91.3	
≥ 2000	57.1	88.5	89.1	89.2	89.7	95.0	90.1	90.4		90.6	90.8	90.8	91.0	91.0	91.6	92.7
≥ 1800	87.2	88.6	89.1	89.4	89.8	90.1	90.2	90.5	90.5	90.8	90.9	90.9	91.1	91.1	91.7	92.8
≥ 1500	87.5	89.2	89.8	90.d	99.4	90.8	91.1	91.4	91.4	91.6	91.7	91.7	91.9		92.6	93.7
≥ 1200	87.5	89.2	89.8	90.0	90.4	90.8	91.1	91.5			91.8	91.8				93.8
≥ 1000	87.7	89.6	90.1	90.3		91.2	91.5	91.9	91.9	92.2	92.4	92.4	92.8	92.8	93.4	94.5
≥ 900	87.8	89.7	90.2	90.4	91.0	91.3		92.0	92.C	92.3			92.9		93.5	
≥ 800	88.2	90.2	91.0	91.2	91.8	92.2		92.9	92.9	93.1	93.3		93.8	93.8	94.7	96.8
≥ 700	88.3	93.3	91.1	91.3	91.9	92.3	92.6	93.0	93.0	93.2			93.9		94.8	96.1
≥ 600	88.6	90.8	91.5	91.7		92.7	93.0	93.4	- 1		93.9		94.3	94.3	95.3	56.6
≥ 500	88.6	90.9		91.9	92.6	92.9	93.2		93.7	93.9			94.5			
≥ 400	58.6	90.9				93.3		94.5				966				
≥ 300	88.6	90.9				93.7	94.4			95.3						98.6
≥ 200	88,6	90.9				93.7		94.8		95.3						
≥ 100	88.6	90.9				93.7							96.0			
≥ 0	88.6	90.9				93.7				95.3		95.5				100.0
L	~~~~				/		7707	7700	7707	,,,,,	,,,,,	7393	70.0	_,,,,,	7, 53	-20-0

TOTAL NUMBER OF OBSERVATIONS...

93

USAF ETAC ALM 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM AND CONCUR

398

.

September 1

CEILING VERSUS VISIBILITY

14 14

FAIRCHILD AFB WA

87-92

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-0800 HOURS (\$3)

CEILING							ViS	BILITY Si	ATUTE MILI	E5:						
FEET	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥157	د 1≤	≥1	≥ ¼	و د ∑	≥ '÷	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	54 53.2	52.9 55.7	53.5 56.3	53.9 56.8	54 • 1 57 • 0	54.1 57.1	54.3 57.3		54.5 57.5	54.6 57.6	55.1 58.1	55.1 58.2	55.3 58.4	55.4 58.6	55.9 59.1	56.6 59.9
≥ 18000 ≥ 16000	54 • 5 54 • 6	57.3 57.6	58.3 58.3	58•4 58•7	58.6 58.9	58.7 59.0	58.9 59.2	59.1 59.5	59.1 59.5	59.2 59.6	59.7 60.0	59.8 60.1	60.0 60.3		60.8 61.1	61.5 61.8
≥ 14000 ≥ 12000	56 • 6 59 • 9	59.4 52.8	-	60.4 64.3	69.6 64.2	50.8 64.3	61.G 64.5	61.4	61.4 64.9	51.5 65.1	62.2 65.7	62.3 65.8	62.5 66.0	62.7 66.2	63.3 66.9	67.6
≥ 10000 ≥ 9000	55.3 68.6	58•4 69•7	70.4	69.6 70.9	71.1	75.5 71.3	70.2 71.5		70.8 72.0	71.0 72.3	71.7 73.5	71.8	72.2 73.5	72.4 73.8	73.1 74.5	73.9 75.3
≥ 8000 ≥ 700	69•1 72•2	72.5 75.6	75.5	73.9 77.0		74.3	74.5 77.6	78.3	75.1 78.3	75.3 78.5	76.0 79.2	76.1 79.4	76.6 79.8	76.8 80.0	77.5 89.8	78.3 81.5
≥ 6000 ≥ 5000	74.3 75.9	77.6 79.5	78.6 80.5	79.0 81.0	79.2 81.3	79.5 81.5	79.7 81.7	80.3 82.5	80.3 32.5	80.5 82.7	81.3 83.4		81.8 84.0		52.8 84.9	83.5 85.7
≥ 4500 ≥ 4000	75.3 77.5	80	81.1 82.9	81.5 83.4	81.8 83.9	84.1	82.3 84.3		83.0 85.1	83.2 85.3	84.0 86.0	34.1 85.1	84.5 85.6	84.7 86.6		86•2 88•3
≥ 3500 ≥ 3000	78.1 78.5	82.2 82.6	83.3 83.8	83.9		84.5 85.2	84.7 85.5	85.5 86.2	85.5 86.2	85.7 86.5	86.5 87.2	86.6 87.3	87.9 87.7	87.2 86.0	88.0	88.7 89.5
≥ 2500 ≥ 2000	78.8 79.0	82.9 83.1	84.1	84.7	85.3 85.6		85.8 86.1	86.6	86.6	86.8 87.1	87.5 87.8	87.6 88.0	88.1 88.4	88.3 88.6	89.0 89.4	
≥ 1800 ≥ 1500	79.1 79.1	83.2 83.3	84.5	85.1 85.2	85.8	85.9 86.0	86.2 86.3	87.1	87.1	87.2 87.3		88.1 88.2	88.5 88.6	88.7	89.5	90.2 90.3
≥ 1200 ≥ 1000	79.2 79.6	84.3	85.6		\$7.3		86.7 88.D		87.4 88.8	87.6 89.0	88.4 89.8	88.5 89.9	88.9 90.3		89.9 91.3	90.6 92.0
≥ 900 ≥ 800	79.8	84.7	85.8 86.3	36.7 86.9	87.6 88.0			89.4	89.5	89.4		90.3 90.8		91.4	91.7 92.3	92.5
≥ 700 ≥ 600	80.6	85.4	86.5	86.9	88.9	89.1		98.3		89.7 90.6					92.3 93.4	93.1
≥ 500 ≥ 400	80.9	85.5 85.7	87.3	87.8	89.6				90.5	90.8	93.0	93.1	92.5 93.5	93.8	93.7	94.8
≥ 300 ≥ 200	81.1	86.0		88.8		90.3		91.6	91.7	92.0 92.2	93.5		94.3	94.8	95.5 96.3	97.8
≥ 100 ≥ 0	81.1	85.0 86.0				90.3 90.3	90.9 90.9			92•2 92•2	93.5 93.5		94.3 94.3			100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC ALL O-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM AND CHROLET

CEILING VERSUS VISIBILITY

FAIRCHILD AFS MA

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5900-1100 HOURS (131)

CEILING							VIS	BILITY -STA	ATUTE MIL	ES1						
ifeet.	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1:0	≥1'•	≥1	≥ ¾.	ود∑	≥ γ	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	51.2 55.4	56•5 60•9	56.8 61.2	57.0 61.4	57.0 61.5	57.0 61.6	57.0 61.6	57.1 51.7		57.2 61.6	57.2 61.9	57.2 61.9				
≥ 18000 ≥ 16000	56.2 56.7	61.7 52.2	62.5	62 .3	62.4 62.8	62.5 62.9		62.6 63.0	62.6 63.0		62.8 63.2	62.8 63.2	62.9 63.3	62.9 63.3		
≥ 14000 ≥ 12000	59 62.6	64.6 58.2	64.9 68.6	69.9	65.3 69.0	69.1	69.1	65.5 69.5	65.5 69.6		65.7 69.8	65.7 69.8	65.8 69.9		66.0 70.1	70.1
≥ 10000 ≥ 9000	66.9 68.4	72.6 74.1	73.:	73.4	73.7 75.2	73.9		74.2 75.7	75.8	75.9	76.C	74.5 76.0		74.6 76.1	76.3	74.8
≥ 8900 ≥ 7000	73.6	76.5 78.8	76.9			77.8 83.2	83.2	80.5	78.3 80.6			78.5 80.9	81.0			
≥ 6000 ≥ 5000	74.9	83.4	81.4	31.9	82.2 84.6	82.4 84.8	84.8	82.7 85.2			83.0 85.5	83.5 85.5	85.6	83.1 85.6	83.3 85.8	
≥ 4500 ≥ 4000	77.1 77.8 78.1	83.7	84.1 85.1	84.6 95.6	85 · 8	85.1	85.1	85.4 86.5		85.6 86.8		85.7 86.9				87.2
≥ 3500 ≥ 3000	79.1 79.6	86.2	85.3 86.7	85.9 87.3	86.1 87.5	86.5 87.8		88.3	87.0 88.5		87.2 88.7 89.2	88.7	88.8	87.3 88.8 89.4	87.5 89.0	87.5 89.0
≥ 2500 ≥ 2000 ≥ 1800	20.1 30.3	36.8 87.4 87.6	87.8	88.5	88.1 88.7	88.4 89.0	89.1	88.8 89.5	- 1	89.8 90.0	89.9	89.2 89.9 90.1	1			
≥ 1500	80.5 81.0	88.5	88.4		89.4 90.0	89.7 98.3	87.8		90.3	90.5	90.6	90.6	90.8		91.0	91.8
≥ 1000	61.6	89.9	90.3	91.1	91.4	91.7	91.8				92.8	92.8	92.9	92.9	93.1	, ,
≥ 800 ≥ 700	32.3 82.5	93.9	91.4	92.2	92.7	93.1		93.8	94.0	94.4	94.5 94.8	94.5	94.6	94.6	94.8	94.8
≥ 600 ≥ 500	82.5 82.6	91.2	91.8	92.6	93.3	93.8		· ·	94.7	95.3	95.5	95.5	95.6	95.6	95.9	95.9
≥ 400	82.6	91.8	92.5	93.4	94.5	95.1 95.5	95.6		96.3		97.3	97.3	97.4	97.4	98.1	98.1
≥ 100	82.6	91.8	92.5			95.5	96.0	96.5	96.8	97.4	98.1	98.1	98.4	98.4	99.2	
≥ 0	82.6	91.8	92.6	93.5		95.5					98.1	98.1				100.0

TOTAL NUMBER OF OBSERVATIONS.

5399

CEILING VERSUS VISIBILITY

24114 STATION FAIRCHILD AFB WA

69-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY STA	ATUTE MILI	E5.						
FEET	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥172	2112	≥1	≥ 1,4	≥,	≥ '÷	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	53 • 8 58 • 6	56.5 61.3	56.8 61.5		57.0 61.8	57.8 61.8		1	57.0 61.8		57.0 61.8	57.0 61.8		1	57.0 61.8	57.8 51.8
≥ 18000 ≥ 16000	59.9 60.4	62.6 63.1	62.9	63.1 63.7	63.1 63.7	63.1	53.1 63.7	63.1 63.7	63.1 63.7	63.1 63.7	63.1 63.7	63.1 63.7	63.1 63.7	63.1 63.7	63.1 63.7	63.1 63.7
≥ 14000 ≥ 12000	63.9 68.1	56.7 71.2	67.1 71.5	67.4 71.9	67.4	67.4 71.9	67.4	67.4	67.4	57.4 71.9	67.4 71.9	67.4	67.4	67.4 71.9	67.4 71.9	67.4
≥ 10000 ≥ 9000	71.0 72.7	74.2 75.9	74.6 76.3		74.9 76.7	74.9	74.9 76.7	74.9 76.7	74.9 76.7	74.9 76.7	74.9 76.7	74.9 75.7	74.9 76.7	74.9 76.7	74.9 76.7	74.9 76.7
≥ 8000 ≥ 7000	76.1 78.7	79.5	79.9 82.7	80.2 83.0	80.2 83.0	80.2 83.0	83.2 83.0	80.2 83.0	80.2 83.0		80.2 83.0	80.2 83.0		80.2 83.0	80.2 83.0	80.2
≥ 6000 ≥ 5000	5j•4 32•4	84.Z 86.5	86.9	64.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2	94.9 87.2	84.9 87.2	84.9 87.2	84.9	84.9 87.2	84.9 87.2	84.9 87.2	84.9 87.2	84.9 37.2
≥ 4500 ≥ 4000	82.5 83.9	86.6	87.0 38.4	87.3 88.7	87.3 88.8	67.3 88.8	87.3 88.8		87.3 88.9	87.3 88.9	87.3 88.9	87.3 88.9	87.3 88.9	87.3 88.9	87.3 88.9	87.3 88.9
≥ 3500 ≥ 3000	84.3	88.4 90.9	88.5 91.3		89.4	89.4 91.9	89.4 91.9	89.5 92.0	89.5 92.0	89.5 92.0	89.5 92.0	89.5 92.0		89.5 92.0	89.5 92.0	89.5 92.0
≥ 2500 ≥ 2000	37.4 87.4	91.8 91.8	92.3 92.3		92.9 93.0	92.9 93.0	92.9 93.0	93.0 93.1	93.D 93.1		93.1	93.D 93.1	93.0 93.1	1		93.0 93.1
≥ 1800 ≥ 1500	87.7 88.3	92.2 92.9	92.5 93.4		93.3 94.2	94.2			93.4 94.3		93.4	93.4 94.3		93.4 94.3	93.4 94.3	
≥ 1200 ≥ 1000	89.1 89.7	94.1	94.6 95.5			95.6 96.8			95.7 97.0	95.7 97.1	95.7 97.1	95.7 97.1		• •		
≥ 900 ≥ 800	89.8 89.8	95.2 95.6	95.7 96.1	96.5 96.9		97.1 97.5		97•4 9 7•8		97.5 98.0	97.5 98.0	97.5 98.0		97.6 98.1	97.6 98.1	
≥ 700 ≥ 600	39.8 89.8	95.6 95.8	96.1 96.3	97.2	98.0	97.5 98.0	98.1	98.4	97.8 98.4	98.5	98.0 98.5				98.1 98.6	98.1 98.6
≥ 500 ≥ 400	89.8 89.8	95.9 96.0	96.6 96.7	97.7	98.7	98.5 98.7	98.8	99.1		99,4	99.1 99.7		99.9	99.4		99.4
≥ 300 ≥ 200	89.8 89.8		96.7 96.7		98•7 98•7	98.7 98.7	98.8 98.8	95.1	99.2		99.7 99.8		100.0	100.0		
≥ 100 ≥ 0	89.8 89.8	96.0 96.0	96.7 96.7	97.7 97.7	98.7 98.7	98.7 98.7	98.8 98.8				99.8 99.8			10 0-0		

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC MI 64 0-14-5 (OL A) MEMOUS EDMONS OF THIS FORM AND OMNOME.

CEILING VERSUS VISIBILITY

34114

FAIRCHILD AFB MA

69-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1520-1700

CE'LING						_	WS	BILITY 'STA	ATUTE MILI	E5						
4FEET∙	≥10	≥6	≥5	≥4	≥3	227	≥2	د!≤	≥1:₄	≥1	يا ≤	5,4	≥ ⇒	≥5 16	2.	≥0
NO CEILING ≥ 20000	54.4	56.	56.7	56.1	56.2	56.3		56 • 6			56.6	56.6			56.6	55.6
	5 3	52.5	62.5	62.5		62.8			63.C			63.0				53.5
≥ 18000 ≥ 16000	51.6	63.2	63.2	63.3	63.4	63.5	63.8	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
	62.5 54.3	54.2	64.2	34.3	64.4	54.5		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000 ≥ 12000	70.4	65.9	65.9	66.3	66.1 72.4	56.2	66.5	,	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
	72.5	72.2	74.5	72.3		72.5			72.8		72.8	72.8	72.8	72.8	72.8	
≥ 10000 ≥ 9000			- 1					75.2	75.2		75.2	75.2	75.2	75.2		75.2
	74.5	76.5 80.2	76.5	76.6		76.3		77.1	77.1	77.1	77.1	77.1	77.1	77.1		77.1
≥ 8000 ≥ 7000		7.77	80.2		80.4	80.5	80.9	85.9	80.9		80.9	80.9	80.9	80.9	83.9	80.9
	81.7	83.9	84.3	84.1	84.2	84.4		84.7	84.7		84.7	84.7	84.7	84.7		84.7
≥ 6000 ≥ 5000	ā6.9	89.2	89.2			85 - 8 89 - 8		87-1	87.1	87.1	87.1	87.1	87.1 96.2	57-1	87.1	87.1
	87.	89.5		89.7	39.8	95.0	90.2		90.4	90.4	90.4	90.2	90.4	90.2		90.2
≥ 4500 ≥ 4000	89.4	91.8	1	92.2				1								[
≥ 3500	90.3	92.6	93.	93.1	93.2	92.5			94.0					94.0		
≥ 3000	92.5	95.2	95.4	95.6		95.9		- 1								
≥ 2500	93.3	96.0	96.2	96.5		96.8			97.3		97.4	97.4		97.4	97.4	95.5
≥ 2000	93.7	96.3	96.6	96.8		97.1			97.6		97.7		97.7	97.7		
≥ 1800	93.7	96.3	96.5	96.8		97.1		97.7	97.7					97.8	97.8	97.8
≥ 1500	93.7	96.6	96.3	97.0		97.3					98.1	98.1	93.1	98.1	98.1	
≥ 1200	93.8	96.7	96.9	97.1		97.4			93.1							98.2
≥ 1000	94.3	97.	97.5	97.8		98.2			98.8			98.9	98.9	98.9	98.9	98.9
≥ 900	94.4	97.5	97.7	98.1		98.4		99.0	99.0		99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	94.5	97.5	97.8	98.2		98.5			99.2		99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94 . E	98.0	98.2	98.5		98.9	99.5		99.6		99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	94.9	98.1	98.3	98.6		99.3	99.7		99.7		99.8	99.8	99.8	99.8	99.8	
≥ 500	94.3	98.1	98.3	98.6		99.0	99.7	99.7	99.7			99.8		99.8	99.8	
≥ 400	94.9	98.1	98.3	93.6	98.7	99.0	99.7	99.8			100-0	100.0	100.0	.co.o		
≥ 300	94.5	98.1	98.3	98.6	98.7	99.0	99.7	99.8			100.0			100.0		
≥ ;00	94.9	98.1	98.3	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.5	100.0	100.0	200.0
≥ 100	94.9	98.1	93.3	98.6		99.0		99.8			100.0					
≥ 0	94.9	98.1	98.3	98.6	1 1	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	103.0

TOTAL NUMBER OF OBSERVATIONS

93

USAF FTAC FORM 0-14-5 (OL. A) movement formous or two room and concept

5400°

(

C

CEILING VERSUS VISIBILITY

1:114

FAIRCHILD AFB WA

59-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1809-2006

CEILING							vis	BILITY STA	NTUTE MILI	:5						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 -	≥2	217	≥1.	≥1	≥ '•	≥4	≥ >	≥5 16	≥.	≥0
NO CEILING ≥ 20000	59.1 64.7	60.0 55.6	60.1 65.7			62.3 65.9		60.4 66.3	60.4 66.0	- 1		60.4 56.3	53.4 66.0	63.4	60.4	50.4 66.0
≥ 18000 ; ≥ 16000	54.8	65.7	65.8	66.0	66.0	55.0	66.1	66.1	56.1	66.1	66-1	66.1	55.1	66.1	66.1	66.1
≥ 14000	55.3 58.4	69.2	69.4		69.6	69.6	66.6		66.6 59.7	69.7	66.6	69.7	66.5	69.7	56.6 69.7	
≥ 12000 ≥ 10000	74.1 77.8	74.9		75.3 79.1		75.3	75.5	75.7 79.5		75.4	75.4 79.5	75.4		75.4	75.4 79.5	75.4
≥ 9000	79.5	83.4	80.5	86	E1.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000 ≥ 7000	84.9	82.9	11	83.2	86.6	83.4	83.5	86.8		83.5 66.6	83.5 86.8	83.5 86.8	83.5 86.8	83.5 86.8	83.5 86.8	83.5 86.8
≥ 6000 ≥ 5000	37.1 89.1	85.1 95.2		88.5 9G.6	88.7 99.9	88.5 91.1	1	58.9 91.2		88.9	88.9 91.2	88.9	83.9 91.2	93.9 91.2	88.9	88.9 91.2
≥ 4500 ≥ 4000	97.1	91.2	91.4	91.6	91.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	91.4	92.6		93.1 93.7			93.7		93.7				93.7		93.7 94.2	
≥ 3000 ≥ 2500	93.4	95.2		95.6 95.7	95.8		96.2				96.1 96.2	96.2		96.2		96.2
≥ 2000	93.7 93.8	95.5	95.7	06.0	95.2	96.5	96.6	96.5	96.5	96.6	76.5	95.6	96.6	96.6	96.6	96.6
≥ 1800 ≥ 1500	94.3	95.6 96.1	1 1		,	96±7 97•2					1		96.8 97.3		97.3	96.8 97.3
≥ 1200 ≥ 1000	94.3	96.2 96.2			• • • • •	1			97.5 97.7	97.6 97.8			97.6 97.8			97.8
≥ 900 ≥ 800	94.4 94.4	96.3	95.7 96.7	97.1 97.1		97.5	97.7	97.8	97.8	98.5	98.0	98.0		98.8	98.0	98.0 96.0
≥ 700 ≥ 600	94.5	96.6	26.9	97.3	97.5	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	94.6	97.1	97.4	97.8	98.1	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	94.6	97.2	97.5					99.1	99.2	99.6			99.6			99.6
≥ 200	94.6	97.2			98.3							99.8	99.9			99.9
≥ 100 ≥ 0	94.6									99.7						160.0

TOTAL NUMBER OF OBSERVATIONS...

93

USAF ETAC AGAI 0-14-5 (OL A) REMOVE SERVICES OF THIS FORM ME ORDINET

-8414 PROCESSING BRANCH USAF ETAC AIF LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2. : 14

FAIRCHILD AFB WA

57-73

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

СЕЛІМ							V15	BILITY STA	LTUTE MILL	ES						
·fEE1·	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥15	≥1%	≥1	≥ '.	ور ≲	בי ≨	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	52.9 65.9	53.7 57.5	64. 1 58. 1	64.1 65.1	64.3 66.3	1	•				- 1				65.1 69.0	
≥ 18000 ≥ 16000	67.3 67.4	58.1 58.2	68.4 68.5	68.5		63.8									69.5 69.6	69.9 75.0
≥ 14000 ≥ 12000	69.6 ?4.3	70.3 75.1		79.8 75.5				. "}		71.2 75.9		71.3 75.0	71.6 76.3	-	71.7 76.5	72.2 76.9
≥ 10000 ≥ 9000	78.1 80.1	73.8	79.3 81.2			79.5 31.6	79.6 51.7		,	79.7 81.8			30.1 82.3		80.2 82.4	30.5 82.5
≥ 8000 ≥ 7000	51.2 33.4	81.7 84.2	82.3 84.5	32.4 84.5		1	1	1	1	82.9 85.2			63.3 65.6		83.4 85.7	83.9 86.1
≥ 6000 ≥ 5000	35.5 £7.8	85.3				89.8		99.0	90.0		90.1	99.2			87.8 90.5	86.3 91.1
≥ 4500 ≥ 4000	58.2 89.5	69.2 91.6	91.1			91.5	91.7	91.7	91.7		91.8	91.9	92.3		91.0 92.4	
≥ 3500 ≥ 3000	89.7 90.2	90.9 91.5	91.5	92.0	92.4	92.4	92.6	92.6	92.5	92.0 92.7	92.7	92.8	93.1	93.1		93.7
≥ 7500 ≥ 7000	91.0 91.6	92•3 93•1	93.4		94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.5	94.8	94.8	94.0 94.9	95.4
≥ 1800 ≥ 1500	91.8 91.8	93.4		94.1	94.4	94.4	94.5	94.8	94.8	94.6	94.9	95.1	95.4	95.4	95.5	
≥ 1200 ≥ 1000	92.3	93.7 94.1	94.5	94.8	95.4	95.4	95.5	95.8	95.8	95.3 95.9	95.9		96.3	96.3		96.9
≥ 900 ≥ \$00	92.5 92.7	94.5		95.4	95.9	95.9	96.3		96.3	96.5		96.6	96.9	96.9	97.0	
≥ 700 ≥ 800	92.8 92.8	94.5	95.4	95.7	96.2	96.0 96.2	95.7	97.0	97.0	97.2	96.6 97.2	97.3	97.6	97.6	97.7	98.2
≥ 500 ≥ 400	92.8 92.8			96.2	96.8	96.8	97.	97.7	97.7		98.7	98.1	98.4	98.4	98.5	98.9
.; 300 .∋ 300	92.8 92.8	95.4 95.4	96.5	96.3		95.9	97.5	98.0	98.0		98.3	98.4	95.7	98.5	99.5	
≥ 100 ≥ 5	92.8 92.8	1		96.3 96.3						98•2 98•2						100.0 100.0

OTAL NUMBER OF OBSERVATIONS 930

USAF ETAC ALS O-14-5 (OL A) PRINCES SEPTING OF THIS FORM AND ORSOLE

CEILING VERSUS VISIBILITY

20114

FAIRCHILD AFB WA

69-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	IBILITY (ST.	ATUTE MILI	ES)						
/FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥ 2	≥1½	≥1 ′4	ا≾	≥ ¾	≥ %	≥ 1/2	≥ 5-16	≥ .	≥0
NO CEILING ≥ 20000	57.6	59.4 63.5	59.6 63.8	59.8 64.0	59.9 64.1	59.9 64.1	60.1 64.3	62.1 64.3	63.1 64.3	60.2 64.4	60.3 64.5	60.3 64.6	60.4 64.7	60.5 64.7	60.6 64.9	61.0 65.3
≥ 18000 ≥ 16000	63.0	64.4	64.6	64.8 65.3	64.9 65.4	65.0 65.5	65.1 65.6	65.2 65.6	65.2 65.6	65.3 65.7	65•4 65•8	65.4 65.9	65.5 66.0	65.6	65.8 66.3	
≥ 14000 ≥ 12000	55.3 69.2	67.2 71.1	71.4	67.7 71.7	67.8	67.9 71.9	68.0 72.0		68 • 1 72 • 2	68.2 72.2	68.3 72.4	68.4 72.4	68.5 72.5	68.6 72.6	68.8 72.8	73.2
≥ 10000 ≥ 9000	72.9	75.J 76.8	75.3	75.5 77.4	75.6 77.5	75.8	75.9 77.8	76.0 77.9	76 • 1 77 • 9	76.2 78.0		76.3 78.2	76.5 78.4	76.5 78.4	76.8 78.7	77.2
≥ 8000 ≥ 7000	77.3	79.4	79.8 82.3	80.0 82.5	80.2	83.3	80.5	80.6 83.1	80.6 83.2	80.7 83.3	80.8	80.9 83.5	81.0	81.1	81.3	81.8
≥ 6000 ≥ 5000	81.7	84.0	84.3	84.6	84,7	37.2	85.0	85.2 87.5	85.2 87.6	85.3 87.7	85.4 87.8	85.5	85.6	85.7	85.9 88.3	86.4
≥ 4500 ≥ 4000	84.1	36.6 88.1	88.5	87.3	87.5 89.0	87.6	87.8	88.C 89.6	88.0 89.6	89.7	88.2	88.3	90-1	86.5 90.1	90.3	
≥ 3500 ≥ 3000	85.8	88.5		89.2 90.6	973.8	39.6 91.5	91.3	90.0	90.0	9B.1 91.6	90.3	90.3	90.5		90.8	91.2
≥ 2500 ≥ 2000	87.9 88.J	90.8		91.7	91.6 92.0 92.1	91.8 92.1 92.3	92.4 92.4	92.2 92.6 92.8	92.2 92.6 92.8	92.3 92.7 92.9	92.5		92.7 93.1 93.3	92.7 93.1 93.3	93.0 93.4 93.5	93.8
≥ 1800 ≥ 1500	28.2	91.0 91.4	91.9	92.2	92.6 93.0	92.8	93.1	93.3	93.3	93.4	93.6	93.1 93.6	93.8	93.8 94.2	94.1	94.0 94.5
≥ 1200 ≥ 1000 ≥ 900	88.8	92.4	92.6	93.3	93.7	93.9	94.2	94.5		94.7	94.9	94.9	95.1 95.4	95.2	95.4	
≥ 800	89.1	92.7	93.3	93.8	94.4	94.5	94.9	95.2	95.2 95.4	95.4	95.6 95.8	95.6 95.8	95.8 96.0	95.9 96.1	96.2 96.4	96.7
≥ 600	89.4	93.1	93.8	94.5	94.9	95.1	95.5		1	96.1 96.5	96.3	96.3	96.5	96.6	96.9	97.4 98.0
≥ 500 ≥ 400 ≥ 300	89.5	93.5	94.3	94.8	95.6		96.3	96.7	96.8	97.1	97.4	97.5 97.7	97.7	97.7	98.1 98.5	98.7
≥ 200	89.5	93.6	94.4	95.0	95.8	96.0	96.5	96.9	97.0	97.3	97.7	97.8	98.1	98.3	98.8	
≥ 100 ≥ 0	89.5	93.6		95.0												100.0

TOTAL NUMBER OF OBSERVATIONS

7449

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

15114

C

FAIRCHILD AFB WA

69-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	TUTE MILE	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥ 3	≥2 ⁄2	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	33.1 35.3	33.9 36.1	34.3 36.6	34.7 36.9	35 • C 37 • 2	35.D 37.2	35.0 37.2	35 • 3 37 • 6	35.3 37.6	35.7 37.9	36.3 38.6			37.4 39.7	38.4 49.7	40.2 42.4
≥ 18000 ≥ 16000	35.8 35.9	36.6 36.7	37.1 37.1	37.3 37.4	37 • 7 37 • 8	37.7 37.8	37.7 37.8	38.0 38.1	38.C 38.1	38.3 38.4	39.0 39.1	39.2 39.3		40.1 40.2	41.1	42.9 43.0
≥ 14000 ≥ 12000	36.8 39.0	37.6 39.8	40.2	38.3 49.6	41.0	38.8 41.0	38.8 41.0	39.1 41.3	39.1 41.3	39.4 41.7	40.1 42.3	40.3		41.2 43.4	42.2 44.4	44.0
≥ 10000 ≥ 9000	41.6 43.0	42.4 43.9	44.4	43.3	45.3	43.8 45.3	43.8 45.3	44 • 1 45 • 7	44.1	44.4 46.0	45.1	45.3	47.6	46.2 47.8		49.0 50.6
≥ 8000 ≥ 7000	45.8 49.2	46.7 50.1	47.2 50.7	47.6 51.0	48.1 51.6	48.1 51.6	48.1 51.6	48.4 51.9	48.4 51.9	48.9 52.6	49.6 53.3	53.6	50.4	50.7 54.4	51.8 55.6	53.6 57.3
≥ 6000 ≥ 5000	54.7	52.4 56.3	53.0 56.9	53.3 57.2	57.8	53.9 57.8		54 • 2 58 • 2	54.2 58.3	54.9 59.0	55.7 59.8			56.8 60.9	57.9 62.0	
≥ 4500 ≥ 4000	56.9 58.3	58.6 69.0	60.7	59.4 61.0	60.0 61.6	61.6	61.6	60.4 62.0	60.6 62.1	61.2 62.8	62.0 63.6	63.8	64.4	63.1	64.2 65.8	67.6
≥ 3500 ≥ 3000	59 61.1	63.9 63.6	64.2	61.9 64.7	62.4	62.4	62.4 65.3	62.9	63.5 65.9	63.7	64.4			65.6 68.4	66.7 69.6	68.4 71.3
≥ 2500 ≥ 2000	63.6	65.2	66.0	68.2	68.9	67.2			67.8	68.6 78.7	71.6	69.7 71.8	73.3	70.6	71.7 73.8	73.4
≥ 1800 ≥ 1500	64.4	67.1		69.4	70.1	69.6 70.3	70.6	70.2	71.2		72.1 72.9	72.3 73.1	73.8	73.2	74.3 75.1	76.1 76.9
≥ 1200 ≥ 1000	54.6 54.7	68.4		70.1	70.9 71.1	71.1 71.3			72.4	73.4	73.7 74.3		75.2		75.9 76.6	
≥ 900 ≥ 800	65.1 65.3	69.3	79.3	75.8	71.9		72.6		72.9	74.3			76.1	75.9 76.3		79.3
≥ 700 ≥ 600	65.4	70.3	70.7	71.4	73.1			73.4	74.8			77.1	77.9		77.9	
≥ 500 ≥ 400	65.8	72.0	74.6		77.9	76.7 78.6			86.9	82.3	83.7	84.1	85.1			88.8
≥ 300 ≥ 200	66.6	73.4		76.8	78.8	79.6	81.2		83.8	86.2	88.7	89.3	91.1	92.1	94.6	98.1
≥ 100	6 6.6	73.4	, , ,													100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

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FAIRCHILD AFB SA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING						-	VIS	BILITY (STA	NTUTE MIL	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 ⁄2	≥2	≥1½	≥14	≥1	≥ ¼	≥ 3/8	≥%	≥ 5/16	≥ '₄	≥0
NO CEILING ≥ 20000	29.6 31.4	29.8 31.7	30.2 32.2	30.2 32.2	33.3	31.2 33.3		32.2 34.4	32.4 34.7	34.8	32.7 34.9	32.7 34.9	33.2 35.4	33.3 35.6	34.7 36.9	36.8 39.0
≥ 18000 ≥ 16000	32.1 32.1	32.3 32.3	32.9 32.9	32.9 32.9	34.0	34.€ 34.€	34.4	35.1 35.1	35.3 35.3	35.4	35.6 35.6	35.6 35.6	36.1 36.1	36.2 36.2	37.6 37.6	39.7 39.7
≥ 14000 ≥ 12000	32.9 35.6	33.1 35.3	33.7	33.7	34.8	34.8	37.9	35.9 38.6	36.1 38.8	36.2 38.9	36.3 39.0	36.3 39.0		37.0 39.7	38.3	40.4
≥ 10000 ≥ 9000	37.4 38.9	37.7 39.1	38.2	38.2 39.8	43.9	39.3 40.9	41.3	47.4 42.0	40.7	40.8 42.3	41.0 42.8	41.0	43.3	41.7 43.4	44.8	45.1
≥ 8000 ≥ 7000	41.3	44.8	42.3	42.4	43.7	43.7	44.1	44.8	45.0 48.0	45.1 48.1	45.6 48.9	45.6 48.9	46.1 49.4	46.2 49.6	47.6 50.9	49.7 53.0
≥ 6000 ≥ 5000	46.2	46.8	47.3 50.2		48.7 51.6	48.7 51.6			50.0 52.9	50.1 53.8	50.9 53.8	50.9 53.9	51.4 54.4	51.6 54.6	52.9 55.9	55.0 58.0
≥ 4500 ≥ 4000	49.7 51.1	51.0 52.8	51.€ 53.7	51.9 53.8	53.1 55.0	53.1 55.0		54.2 56.1	54.4 56.3		55.3 57.2	55.4 57.3	56.8 57.9	56•1 58•0	57.4 59.3	59.6 61.4
≥ 3500 ≥ 3000	52.6 53.3	54.2 55.2	55 • 1 56 • 1	55.2 56.4	56.4 57.7	56.4 57.7	56.9 58.1	57.6 58.8	57.8 59.0	57.9 59.1	58.7 59.9	58.8 60.0	59.3 60.6	59:4 60:7	60.8 62.0	62.9 64.1
≥ 2500 ≥ 2000	55.3 57.2	57.2 59.2	58 • 1 60 • 1	58.4 60.4	59.7 61.7	59.7 61.7	60.2 62.2	60.9 62.9	61.1 63.1	61.2 63.2	62.0 64.0	62.1 64.1	62.7 64.7	62•8 64•8	64.1 66.1	66•2 68•2
≥ 1800 ≥ 1500	57.3 57.3	59.3 59.3	60.2 60.4	60.6 60.8	61.9 62.1	61.9	62.7 62.9	63.3 63.6	63.6 63.8	63.7 64.0	64.4 64.8	64.6	65.1 65.4	65•2 65•6	66-6 66-9	68.7 69.0
≥ 1200 ≥ 1000	57.4 58.6	60.0 61.3	61.1 62.4	61.4 62.9	62.8 64.2	62.8 64.2			64.4	64.7 66.4	65.4 67.2	65.6 67.3	66.1 67.9	66•2 68•0	67.6 69.3	69.7 71.4
≥ 900 ≥ 800	59.3 59.7	62.3 63.1	63.4		65.4 66.7	65.4 66.7			67.4 68.7	67.7 68.9	68.4 69.7	68.6 69.8	69.1 70.3	59.2 70.4	70.6 71.8	72.7 73.9
≥ 700 ≥ 600	59.9 60.4	63.3 64.1	64.7 65.7	65.1 66.1	67.0 68.0	67.8 68.0		68.9 70.1	69.2 70.6	69.4 71.0	70.2 71.8	70.3 71.9		71.1 72.7	72.4 74.0	74.6 76.1
≥ 500 ≥ 400	61.1 61.4	65.6 66.3	67.3 68.1	68.1 69.1	70.8 72.0	78.8 72.0	72.1 73.3	73.3 74.9	73.9 75.4		76.2 79.1	76.3 79.2		77.3 88.8	78.7 82.1	80.8 84.2
≥ 30G ≥ 200	61.9 61.9	67.3 67.6	69.2 69.4		74 • 1 74 • 6	74.3 74.9	76.4	79.8	80.8	83.3			86.0 88.6	86.8 89.9	88.4 92.8	96.8 96.4
≥ 100 ≥ 0	61.9	67.6 67.6	69.4 69.4		74.6 74.6	1.1	• •						88.6 88.6	89.9 89.9	93.6 93.6	99.2 100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13600-0800 HOURS ((\$1)

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1'%	≥ા	≥ ¾	≥ 3⁄8	בי ≤	≥ 5,16	≥ '•	≥0
NO CEILING ≥ 20000	24.8 28.7	25.2 28.6	25.7 29.1	25.9 29.3	26.1 29.6	26.1 29.6	26 • 2 29 • 7	26.6 30.2	26.8 30.4	26.9 30.6	27.0 30.7	27.0 30.7	27.1 30.8	27.3 31.0	28.1 31.8	38.0 33.7
≥ 18000 ≥ 16000	28 .7 28 . 8	29.3 29.4	29.9 30.1	30.1 30.2	30.3 37.4	30.3 30.4	30.0 30.6	31.6 31.1	31.2 31.4	31.3 31.6	31.4 31.7	31.4 31.7	31.6 31.8	31.8 32.0	32.6 32.8	34.4 34.7
≥ 14000 ≥ 12000	29.6 33.0	33.9	33.9	31.0 34.9	31.3	31.3 35.2	31.4	32.6 35.9	32.3 36.2	32.4 36.3	32.6 36.4	32.6	32.7 36.6	32.9 36.8	33.7 37.6	35.6 39.4
≥ 10000 ≥ 9000	35.0 35.9	36.0 37.9	36.8 38.7	37.0 38.9	37.3 39.2	37.3 39.2	37.4 39.3	38.1 48.0	38.4 40.3	38.6 40.6	38.7 40.8	38.7 46.8	38.8		39.8 42.3	41.7
≥ 8000 ≥ 7000	39.7 41.8	40.8	41.7	41.9	42.2	42.2	42.3	43.0 45.6	45.9	43.6 46.1	43.9 46.4	43.9	44.2	47.3	45.2 47.8	47.1
≥ 6000 ≥ 5000	42.6 43.7 44.8	44.1	45.1 46.6 47.9	45.3 46.8 48.1	45.9	45.9	47.4	46.7	48.4	47.2	47.6 49.0	47.6 49.0	48.0 49.6	48.2 49.8	49.0 50.6	52.4
≥ 4500 ≥ 4000	46.3	45.9 48.6		49.9 51.5	48.7 50.4 51.7	48.7 50.4 51.8	48.8 50.6 51.9	49.4 51.2	49.8 51.6	50.0 51.8 53.1	50.3 52.1	50.3 52.1	50.9 52.8	51.1 53.0	51.9 53.8	53.6 55.7
≥ 3500 ≥ 3000 ≥ 2500	48.2	51.3	52.9	53.2	54.1	51.8 54.3 56.4	54.4	52.6 55.1 57.3	52.9 55.4 57.7	55.7 57.9	53.4 56.2 58.4	53.4 56.2 58.4	54.1 56.9	54.3 57.1	55.1 57.9	57.0 59.8 62.0
≥ 2500 ≥ 2000 ≥ 1800	49.9 50.0	54.5	56.2	56.4 56.7	57.7	57.6 57.9	57.8 58.1	58.4 58.8	58.8 59.1	59.0 59.3	59.6	1		50.4 60.8	61.2	63.1
≥ 1500	50.2	54.9		57.2 57.9	58.2	58.4	58.8	59.6 60.8	59.9	60.2 61.4	60.8 62.0	60.8	62.7	61.7	52.4	64.3
≥ 1000	51.3 51.9	56.7	58.6	59.1 59.8	61.4	61.7	61.1	62.2	62.6	63.0		63.6	64.2	64.4	65.2	67.1
≥ 800 ≥ 700	52.3 52.4	57.9	59.8	60.3 60.7	62.7	52.6	63.2	64.3	65.0	65.4	65.7	65.7 66.0	66.3	66.6	67.3	69.2
≥ 600	53.1 53.9	59.1 60.7	62.7	61.6	63.9 66.0	64.2	64.9 67.0	68.7	69.1	67.1 78.7	67.8	67.8	68.4	68.7	69.4 73.8	72.3
≥ 400 ≥ 300	54.2 54.6	62.3	64.8	65.1 66.0	70.6	68.9 71.3	69.9	71.7	72.3	74.5	75.8	76.0	77.B	77.6	78.6	80.8 8.7
≥ 200	54.6 54.6	62.6	65.0	66.2	70.8	71.7	73.1 73.1	76.2	77.4	81.3	83.6	83.9	85.8	87.3 87.9	90.7	96.7
≥ 0	54.6	62.6	65.5	66.2	77.8	71.7		76.2	77.4	81.3			86.1	87.9		100.0

TOTAL NUMBER OF OBSERVATIONS...

701

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLE

5403

CEILING VERSUS VISIBILITY

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FAIRCHILD AFS WA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6908-1100

CEILING							VIS	BILITY (ST.	ATUTE MILE	ES1						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2¹2	≥2	≥1%	≥1′4	≥ı	≥ 14	≥ ⅓	≥ 1/2	≥5 16	≥	≥0
NO CEILING ≥ 20000	25.6 29.7	26.3		27.2 31.6	27.2 31.6	27.2 31.6	27.7 32.0	27.8 32.1	27.9	27.9 32.2	1		28.7 33.1	28.9 33.3	29.6 34.0	3C.1 34.6
≥ 18000 ≥ 16000	30.2	31.3	31.8 32.7	32.2 33.1	32.2 33.1	32.2 33.1	32.7 33.6	32.8 33.7	32.9 33.8	32.9 33.8		33.4	33.8 34.7	34.9	34.7 35.6	35.2 36.1
≥ 14000 ≥ 12000	32.3 34.4	33.i		34.4 36.7	34.4 36.7	34.4	34.9 37.1	35.0 37.2	35.1 37.3	35.1 37.3	35.7 37.9	35.7 37.9	36.0 38.2	36.2 38.4	36.9 39.1	37.4 39.7
≥ 10000 ≥ 9000	37.7 39.6	39.1 41.3	39.6 41.8	42.3	40.0 42.3	40.0 42.3	47.4	40.6 43.û	45.7 43.1	40.7 43.1	41.2 43.7	41.2 43.7	41.6 44.0	41.8 44.2	42.4	43.0
≥ 8000 ≥ 7000	42.2 45.1	44.1 47.4	44.6 48.1	45.1 48.7	45.1 48.8	45.1 48.8	45.6 49.2	45.8 49.4	46.0 49.7	46.0 49.8		46.6 50.3	46.9 50.8	47.1 51.0	47.8 51.7	
≥ 6000 ≥ 5000	47.1 48.9	49.6 51.8		50.8 53.0		50.9 53.2	51.3 53.7		51.9 54.2	52.1 54.4	52.7 55.0	52.7 55.3	53.1 55.4	53.3 55.7	54.0 56.3	1
≥ 4500 ≥ 4000	49.3 53.7	52.3 53.8			55.3	53.8 55.3	54.2 55.8	56.1	54.8 56.3	56.6	57.3	55.6 57.3				57.4 59.2
≥ 3500 ≥ 3000	51.5 52.8	55.2 56.6	57.3		58.9		57.4 59.3		58.0 59.9	58•2 60•2	61.0	61.0	59.4 61.4		60.3 62.3	60.9 62.9
≥ 2500 ≥ 2000	53.6 53.7	57.9 58.1	59.	59.6 59.9	6□•4 6□•9	63.4 63.9			61.8 62.2	62•1 62•6		62.9 63.3	63.3 63.8		64.2 64.7	64.8 65.2
≥ 1800 ≥ 1500	53.9 54.3	58.3 59.3	60.2	61.3	62.4			63.7	62.4	62.8 64.2	65.0	65.0		65.8	64.9 66.6	65.4 67.1
≥ 1200 ≥ 1000	54 • 8 56 • (1	59.8 61.0	62.3		65.1	65.1	64.2 65.8			65•3 67•0	67.8	67.8			67.7 69.3	
≥ 900 ≥ 800	56.3 56.8	62.2				67.0	66.2		67.1 68.6		69.8			69.B 78.6	69.8 71.3	
≥ 700 ≥ 600	57.4 58.0	64.1	65.9	66.2		70.3			72.6		74.0	74.D		74.8		
≥ 500 ≥ 400	58.3 56.3	65.4	69.1	71.2	75.3		74.9 78.2	8û. Ü	76.2 80.8	77.6 82.6	83.9		79.2	79.6 85.4	80.3	
≥ 300 ≥ 200	58.3 58.3	66.8	69.8	72.2		77.4	80.9	83.8		86.9	91.2				96.3	
≥ 100 ≥ 0	58 • 4 58 • 4	56.9 66.9		72.3 72.3	76.9 76.9			83.9 83.9	85.1 85.1	88.6			93.3 93.3			99.9 LDC.0

OTAL NUMBER OF OBSERVATIONS

980

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOL

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1209-1408 HOUR #31

CEILING							VIS	BILITY (5:	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1%	≥1′4	≥1	≥ ર₄	6بر ≷	≥ %	≥5/16	2. €	≥0
NO CEILING ≥ 20000	28.8 32.5	37.4 34.0	30.6 34.3	30.6 34.3	31.0 34.8	31 · 1 34 · 9	31.4 35.2	31.5 35.3	31.6 35.4	31.8 35.6	31.8 35.6	31.8 35.6	32.9 35.8	32.0 35.8	32.0 35.8	32.9 35.8
≥ 18000 ≥ 16000	22.9 33.8	34.5 35.4	34.7 35.6	34.7 35.6	35.3 36.2	35.4 36.3	35.6 36.5	35.7 36.6	35.8 36.7	36.9	36.0 36.9	36.0 36.9	36.3 37.2	36.3 37.2	36.3 37.2	36.3 37.2
≥ 14000 ≥ 12000	35.8 38.7	37.5 40.6	37.7 40.8	37.7 42.8	38.3 41.4	38.4 41.5	38.6 41.7	38.7 41.8	38.8 41.9	39.0 42.2	39.0 42.2	39.0 42.2	39.3 42.4	39.3 42.4	39.3 42.4	39.3 42.4
≥ 10000 ≥ 9000	42.3	44.7		45.1 47.9	45.6 48.5	45.7 48.6	45.9 48.8	46.1 48.9	46.2 49.1	46.4	46.4	46.4 49.3	46.6	46.6	46 • 6 49 • 5	46.6
≥ 8000 ≥ 7000	49.3	50.3 52.6	50.5 52.8	50.6 52.9	51.2 53.6	51.3 53.7	51.5 53.9	51.6 54.1	51.7 54.2	51.9 54.4	51.9 54.4	51.9 54.4	52.2 54.6	52.2 54.6	52.2 54.6	52.2 54.6
≥ 6000 ≥ 5000	53.4 53.4	54.4 57.5		54 • 8 58 • ī	55.5 58.6	55.6 58.7	56 • B	56.2 59.3	56.3 59.4	56.5 59.6	56.5 59.6	56 • 5 59 • 6	56.7 59.8	56.7 59.8		56.7 59.8
≥ 4500 ≥ 4000	54.2 55.5	58.3 60.0	58.5 60.3	58.7 60.6	59.4 61.3	59.5 61.5	59.8 61.8	60.1 62.1	60.2 62.2	60.4 62.4	60.4 62.4	60.4 62.4	60.6	60.6 62.6	60.6 62.6	
≥ 3500 ≥ 3000	56.8 59.3	61.6 54.4	62.1 65.	62•4 65•4	63.3 66.4	63.5	63.8 67.1	64.1 67.3	64.2 67.4	64.4	64.4 67.6	64.4		64.6 67.9	64.6 67.9	
≥ 2500 ≥ 2000	60.4 61.8	66.4	67.2 68.9	67.6 69.4	68.6 70.5		69.4 71.4	69.6 71.6	69.7 71.7	70.0 72.3		70.0 72.0	72.2	70.2 72.2	70.2 72.2	70.2 72.2
≥ 1800 ≥ 1500	62.5 53.7	68.7 70.5		70.1	71.2	71.6 73.6	72.1 74.2	72.3	72.4 74.5	72.6	72.6	74.9	72.9 75.1	72.9 75.1	72.9 75.1	72.9 75.1
≥ 1200 ≥ 1000	64.8 56.2	72.7	74.0 76.2	74.6	76.0 78.5	76.4 79.0	77.1 79.8	77.3 80.0	77.4 80.1	77.6 80.3	77.6 80.3	77.8 80.4	78.3 80.6	78 • 0 80 • 6	78.0 80.6	78.0 80.6
≥ 900 ≥ 800	66.5	75.5 76.6	77.5 78.6	78.8 89.0	80.4	80.9 82.2		81.9 83.8	82.0 83.9	82.2 84.1	82.2 84.2	62.3 84.3	82.5 84.5	82.5 84.5	82.5 84.5	82.5 84.5
≥ 700 ≥ 600	67.1	77.8	79.6 80.4	81.6	82.9	84.1	84.4	85.0 86.1	85.2 86.3	85.5	85.7 87.0	85.8 87.1	86.0	86.0	86.0 87.4	
≥ 500 ≥ 400	67.5	78.8	81.5 82.2	83.U 84.2	85.2 87.1	85.8	87.3	88.G 90.7	88.3 91.0		89.2 92.4	89.3 92.5	92.9	89.7 92.9	89.7 93.D	
≥ 300	67.6	79.3 79.3	82.4 82.4	84.4	87.3 87.3	88.2	90.4	92.1 92.5		95.0 96.2	95.4 97.8		96.0 98.1	96.0 98.3	99.3	
≥ 100 ≥ 0	67.6 67.6	79.3 79.3	82.4 82.4	84.4	87.3 87.3			92.5 92.5		96•2 96•2	97.0 97.0					100.0

TOTAL NUMBER OF OBSERVATIONS,

899

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

CEILING VERSUS VISIBILITY

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FAIRCHILD AFB WA

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NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (151

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥2?	≥2	≥1%	≥11%	≥1	≥ 4	≥ '⁄a	≥ ∻	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	28.7 33.4	29.1 34.5	29.3 34.2	29.6 34.4	29.9 34.8	29.9 34.8	29.9 34.8	29.9 34.8	29.9 34.8	30.9 34.9	30.1 35.0	30.1 35.0	32.1 35.0	33.3 35.2	30.6 35.4	
≥ 18000 ≥ 16000	34 • 3 35 • 4	35.1 36.1	35.2 36.3	35.4 36.6	35.8 36.9	35 • 8 36 • 9	35.8 36.9	35.8 36.9	35.8 36.9	35.9 37.0	36.0 37.1	36.C 37.1	36.0 37.1		36.4 37.6	36.7 37.8
≥ 14000 ≥ 12000	37.8 41.1	38.6 42.0		39.1 42.6	39.4 42.9	39.4 42.9	39.4 42.9	39.4 42.9	39.4 42.9	39.6 43.0	39.7 43.1	39.7 43.1	39.7 43.1	39.9 43.3	40.1 43.6	43.8
≥ 10000 ≥ 9000	46.0 48.2	47.1 49.7	47.3 49.9	47.7 50.2	48.0 50.6		48.0 50.6	48.3 58.9	48.3 59.9	48.4 51.0	48.6 51.1	48.6 51.1	48.6 51.1	48.8 51.3	49.0 51.6	49.2 51.3
≥ 8000 ≥ 7000	52•2 55•6	53.8 57.1	54.0 57.3	54.3 57.8	54.7 58.2	54.7 58.2	54.7 58.2	55.0 58.6			55.2 58.8	55•2 58•2	55.2 58.8		55.7 59.2	55.9 59.4
≥ 6000 ≥ 5000	57.1 59.6	58.7 61.6	58.9 61.8	59.6 62.4	60.0 62.9	60.0 62.9	60.9 62.9	60.3 63.2	63.3 63.2	60.4 63.3	60.6 63.4	60.6 63.4	60.6 63.4	60.8 63.7		
≥ 4500 ≥ 4000	61.4 52.8	63.4 65.3	63.8 65.4	64.4 66.1	65.0 66.8	65.3 8.33	65.3 66.8	65.3 67.1	65.3 67.1	65.4 67.2	65.6 67.3	65.6 67.3	65.6 67.3	65.8 67.6	66 • 0 67 • 8	1
≥ 3500 ≥ 3000	63.7 64.8	56.1 67.4	66.8 68.2	67.4 65.9	69.1 69.8	68 • 1 69 • 8	68 • 1 69 • 8	68.4 70.1	68.4 70.1	68.6 70.2	68.7 70.3			68.9 70.6	69•1 70•8	69.3 71.0
≥ 2500 ≥ 2000	66 • 1 67 • 9			70.8 72.7	72.0 74.1	74.1	72.1 74.2	74.6	72.4 74.6		72.7 74.9	72.7 74.9		72.9 75.1	73.1 75.3	73.3 75.6
≥ 1800 ≥ 1500	68.1 68.6		73.7	73.4	74.9 76.2	76.2	75.1 76.4	75.4 76.8		76.9	75.8 77.1		75.8 77.1	76.1 77.4	76.3 77.7	77.9
≥ 1200 ≥ 1000	69.8 71.6	75.7	75.7 77.1	76.8 78.6	78.2 83.1	38.2	78.4	78 • 8 80 • 9	80.9	81.2	81.4	81.4	79.2 81.4	79.6 81.8	79.8 82.0	82.2
≥ 900 ≥ 800	73.7 70.8			78.7 80.0	82.3	82.0	80.8	81.1 83.0			81.7	81.7	81.7	82.0 84.0	82.2	84.4
≥ 700 ≥ 600	71.1		79.8 80.9	81.3 82.4	84.3		84.2	84.6	86.1	85.G 86.6	85.2 86.8	85.2 86.9	85.2 86.9	85.6 87.2		87.8
≥ 500 ≥ 400	71.3	79.1 79.3	81.4	83.6	85.6 86.4	87.2	87.2	87.7		90.2	88.9 90.6	90.8	90.8	91.1		91.7
≥ 300	71.4 71.4	79.7 79.7	82.0 82.0	83.9 84.0	87.3 87.3		89.8 90.2	90.9 91.6	92.1	93.3 94.4			94.8	95.2		99.0
≥ 100 ≥ 0	71.4	79.7		84.0			90•2 90•2		92.1 92.1	94.4	95.9 95.9	96•2 96•2	97.4 97.4		98.5	

TOTAL NUMBER OF DESERVATIONS_

900

USAF ETAC 111 44 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRET

-DATA PROCESSING BRANCH LCFF ETAC ATP WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

FAIRCHILD AFB WA

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISI	BILITY ISTA	TUTE MILI	ES:						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥15	≥114	≥ા	≥ 1,	≥ '•	≥ '7	≥5 16	2.4	≥0
NO CEILING ≥ 20000	35•2 39•6	35.8 40.3	35.8 40.3		36.4 49.8	36.5 40.9	37.2 41.6	37.5 41.9	37.5 41.9	37.6 42.0	37.7 42.2	37.7 42.2	37.7 42.2	37.8 42.3	37.8 42.3	37.8 42.3
≥ 18000 ≥ 16000	40.6 40.6	41.3	41.2	41.4	41.7 41.8	41.8 41.9	42.5 42.6	42.5 42.9	42.7	42.9 43.0	43.0 43.2	43.0 43.2	43.0 43.2	43.2 43.3	43.2 43.3	43.2 43.3
≥ 14000 ≥ 12000	41.7 44.0	42.4 44.7	42.4 44.7	42.5 44.8	42.9 45.3	43.5 45.4	43.7 46.1	44.2 46.5	44.2	[44.4	44.4	44.4	44.5 46.8	44.5	44.5 46.8
≥ 10000 ≥ 9000	47.6	48.5 50.5	48.5 50.5	48.6 50.6	49.1 51.1	49.2 51.2	49.8 51.8	50.3 52.3	50.3 52.5	50•4 52•4	50.5 52.5	50.5 52.5	50.5 52.5	50•6 52•6	50.6 52.6	50.6 52.6
≥ 8000 ≥ 7000	51.9 54.7	52.8 55.7	52.8 55.7	52.9 55.8	53.5 55.5	53.6 55.7	54.3 57.5	54.7 58.2	54.7 58.2	54.5 58.4	54.9 58.5	54.9 58.5	55.1 58.6	55•2 58•7	55•2 58•7	55.2 58.7
≥ 6000 ≥ 5000	56.6 59.4	57.7 60.7	57.7 60.7	57.8 61.0	58.5 61.6	58.7 61.8	59.5 62.6	63.4	63.4	60.4 63.6	60.5 64.0	60.5 64.3	60.6	60.7 64.2	60.7 64.2	60.7 64.2
≥ 4500 ≥ 4000	57 62.7	62.2 64.4	62.3	62.6	63.3	63.5 65.9		65.1 67.4	65.1 67.4	65.3 67.6		65.6 68.0	65.7 68.1	65.9 68.2	65.9 68.2	
≥ 3500 ≥ 3000	63.0 65.0	64.8	65.1 67.5		66.2	56.4 68.9		68.0 70.5	68.0 73.5		68.5 71.2	68.5 71.2	68.5 71.3	68.7 71.4	68.7 71.4	68.7 71.4
≥ 2500 ≥ 2000	66.9 68.0	70.5 71.4	70.2	72.2	71.7	72.0 73.6	72.9	73.6 75.5	73.6 75.5	73.9 76.0	74.3 76.4	74.3	74.4 76.5	74.5 76.6	74.5 76.6	
≥ 1800 ≥ 1500	68.5 69.2	72.1	72.3	72.9 74.0	74.1	74.3	75.2 76.3	76.2	76.2	76.6 77.8	77.1 78.2	77.1 78.2	77.2 78.3	77.3 78.4	77.3 78.4	
≥ 1200 ≥ 1000	69.7 70.5	74.1 75.3	74.3 75.5	74.9 76.3	76.2	76.4 78.0	77.5 79.2	78.5 80.2	78.8 88.4	79.2 80.9	79.6 81.3	79.6 81.3	79.8 81.4	79.9 81.5	80.0	81.6
≥ 900 ≥ 800	71.1	75.6 76.8 77.3	75.9 77.2	76.6 78.9	78.2	78 • 4 79 • 8		80.8	81.6 82.3	81.4	81.9	81.9	82.0	82.1	82.2	83.5
≥ 700 ≥ 600	71.6 72.1	77.9	78.4 79.1	79.3	80.2 80.9	81.1	81.9 82.6	83.C 84.1	84.3	83.6 84.8	84.2 85.4	84.2	85.5	84.4	84.5 85.8	
≥ 500 ≥ 400 ≥ 300	72.1	78.8 78.6	79.4	80.4 81.6	81.8 82.1 83.5	82.2 82.6 84.1	84.6 84.5	86.0 87.3	86.3 88.1	86.8 88.8 92.0	87.4 89.4 92.7	87.4 89.4 92.8	87.8 89.9 93.2	87.9 98.0 93.3	88.0 90.2 93.9	
≥ 200	72.6 72.6	79.6	80.4	81.8	83.8	84.3	86.9	98.4			94.3	94.4	95.1	95.6 96.3	96.8	97.6 100.0
≥ 100 ≥ 0	72.6	79.6		81.8					91.7		- 1					100.E

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

24:14

FAIRCHILD AFB WA

69-75

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISI	BILITY (STA	ATUTE MIL	ES1						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	≥17;	21%	≥1	≥٤	5 7.9	≥ '4	≥ 5 16	≥ 4	≥0
NO CEILING ≥ 20000	35 • 3 38 • 4	36.4 39.2	36.7 39.4	37.0 39.8	37.4 42.2	37.7 40.4	37.9 40.7	36.4 41.2	32.4 41.2	39.0 41.9	39.2 42.1	39.2 42.1	39.6 42.4	39.5 42.4	40.1 43.0	40.1 43.0
≥ 18000 ≥ 16000	39.6 40.0	40.8	43.6	4L.9	41.3	41.6	41.8	42.3	42.3 42.8	43.0 43.4	43.2 43.7	43.2 43.7	43.6 44.0	43.6 44.0	44.1 44.6	44.1
≥ 14000 ≥ 12000	42.1 42.7	41.9 43.4	42.1 43.7	42.4 44.0	43.0 44.6	43.2 44.8	43.4 45.0	44.0 45.6	45.6	44.7 46.3	44.9	44.9	45.3 47.0	45.3 47.0	45.9 47.6	45.9 47.6
≥ 10000 ≥ 9000	47.2 48.3	46.1	48.3	48.7 50.0	49.2 50.7	49.4 50.9	49.7 51.1	50.2 51.7		51.0 52.4	51.2 52.7	51.2 52.7		51.7 53.1		52.2 53.7
≥ 8000 ≥ 7000	49.9 53.6	50.9 54.6	51.2 54.9	51.6 55.3	52.2 56.1	52.4 56.4	52.7 56.9	53.4 57.7			54.6 58.8	54.6 58.8	55.3 59.2	55.0 59.2		55.6 59.8
≥ 6000 ≥ 5000	55•4 56•4	56.9 60.7	57.2 51.0	57.7 61.4	58.4 62.2	58.8 62.6	59•2 63•0	60.0 63.8	60.0 63.8		61.1 65.1	61.1 65.1	61.6 65.6	61.6 65.6		62.1 66.2
≥ 4500 ≥ 4000	51.1 62.6	63.6 65.7	64 • 1 66 • 2	64 • 6 66 • 7	65.3 67.4	65.7 67.8	66 • 1 68 • 2	66.9 69.0	66.9 69.0	67.9 70.0	68.2 70.3	68•2 70•3	58.7 70.8	68.7 70.8	69.3 71.4	69.3 71.4
≥ 3500 ≥ 3000	63.7 64.6	56.6 58.0	67.1 68.6	67.6 69.0	68.4 69.9	68.8 7u.2	69•2 70•7	70.0 71.4	70.0 71.4	71.0 72.4	71.3 72.8	71.3 72.8	71.8 73.2	71.8 73.2	72.4 73.9	72.4 73.9
≥ 2500 ≥ 2000	66 • C	69.9 71.7	70.6 72.3		71.9 73.8	72.2 74.6	72.7 75.5	73.4 76.0	73.4 76.0		74.9 77.4	75.0 77.6	75.4 78.3	75.4 78.0		
≥ 1860 ≥ 1500	68.3 5.36	72.2 72.8	72.9 73.4	73.9	74.3 74.9	75.1 75.7	76.1	76.6 77.1	76.6 77.1	78.3	78.0 78.7	78.8	78.6 79.2	78.5 79.2	79.9	79.2 79.9
≥ 1200 ≥ 1000	68.8 69.1	74 • 1 74 • 6	74.8 75.3	75.8	76.2 76.8	77.6	77•4 78•0	78.4 79.0	78.4 79.1	79.8 80.4	80.1 30.8				82.0	82.C
≥ 900 ≥ 800	69.1 69.1	74.6	75.4 75.6		76.9 77.1	77.8 78.0	78.3 78.7	79.3 79.7	79.8	80.8	81.1 81.4	81.2	81.7 82.0			82.7
≥ 700 ≥ 600	69.4 69.7	75.7 75.9	76.1 76.8		77.9 78.7	78.8 79.7	80.6	80.6	81.9	83.2	82.3 83.6	82.4	82.9 84.2	82.9 84.2	83.6	
≥ 500 ≥ 400	69.9 70.4	77.1 78.0	78.3		80.6	81.6		84.2	84.3 86.1	85.7	86.1 87.9	86.4 88.2	86.9	86.9 88.7	87.6 89.4	
≥ 300 ≥ 200	7G.8 71.2	78.7 79.2	79.9 80.4	81.9	83.2	84.2 85.0	86.6	88.1		90.4 92.3	93.6	91.6 94.1	92.1 95.4	92.4 96.1	93.3	
≥ 100 ≥ 0	71.2	79.2 79.2	80.4 80.4	81.9 81.9	83.9	85.0	86.6 86.5	89.6		92.4 92.4	93.7 93.7	94.2	95.7 95.7	96.3 96.3		100.0

TOTAL NUMBER OF OBSERVATIONS_

900

USAF ETAC AT 44 0-14-5 (OL A) MEYIOUS EDITIONS OF THIS FORM AND DISSOLE

是是在中央中心的特殊的 在这一种的一种的特别的

-DATA PROCESSING BRANCH USAF ETAC FIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FAIRCHILD AFB WA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MILI	ES1						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1'5	≥:.	≥1	≥ 1,	ود≤	≥ %	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	30.2 33.6	35.9 34.3	31.2 34.6	31.4	31.8 35.3	31.8 35.3		32.4 35.9	32.5 36.7	32.7 36.2	32.9 36.5	32.9 36.5	33.2 36.8	33.3 36.9	33.9 37.5	34.7 38.3
≥ 18000 ≥ 16000	34.3	35.1 35.5	35.4 35.9	35.6 35.1	36.0 36.5	36.1	36.4 36.8	36.7 37.1	36.8	37.0 37.5	37.2 37.7	37.2 37.7	37.5 38.0	37.7 36.1	38 • 2 38 • 7	39.1 39.5
≥ 14000 ≥ 12000	36.1 38.5	36.8 39.5	37.2 39.9	37.4 40.1	37.9 40.6	37.9 40.6	38.2 40.9	38.5	38.6 41.3	38.8 41.5	39.1 41.8	39.1 41.8	39.4 42.1	39.5 42.2	40.1 42.8	40.9 43.6
≥ 10000 ≥ 9000	41.9 43.7	43.5	43.3	43.6 45.6	44.G	44.1 46.1	44.4 46.4	44.8	44.9	45.1 47.1	45.3 47.4	45.4 47.5	45.7	45.8 47.9	46.4 48.5	47.2 49.3
≥ 8000 ≥ 7000	45.3	47.6 50.7	48.: 51.1	48.3 51.4	48.8 52.0	46.9 52.1	49.2 52.4	49.6 52.9	49.7 53.0	50.0 53.3	50.3 53.7	50.3 53.7	50.6 54.1	50.8 54.2	51.4 54.8	52•2 55•6
≥ 6000 ≥ 5000	50.9 53.3	52.6 55.5	53. I 55. 9	53.3 56.3	54 • 0 56 • 9	54.1 57.0	54 • 4 57 • 3	57.8		55.3 58.3	55.7 58.7	55.7 58.8	56.1 59.1	55.2 59.3	56.8 59.9	57.6 60.7
≥ 4500 ≥ 4000	54.8 55.3	57.5 58.8	57.£	57.9 59.8	58.6 60.4	58.7 60.5	60.9		59.6 61.5	60.0 61.9	63.4 62.3	62.3	60.8 62.7	60.9 62.9	61.5 63.4	62.4 64.3
≥ 3500 ≥ 3000	57.2 58.6	59.8 61.7	62.5	60.9 63.0	61.7 63.8	61.8 54.0	64.3		62.8 65.0		63.6 65.8		64.0 66.2	64.1 66.4	64.7 67.0	67.8
≥ 2500 ≥ 2000	61.2	63.6 65.3	65.9	65.0 66.5	66.D 67.6	66.1 67.8			67.2 69.0		68.1 69.9	69.9	68.5 70.3	68.7 70.5		71.9
≥ 1800 ≥ 1500	61.5	65•5 66•3	66.3	67.9	69.0	68.3 69.3	69.8			71.0	70.4 71.5	70.5 71.6	70.9 72.0	71.0 72.1	72.8	
≥ 1200 ≥ 1000	62.6	67.4 68.5	68.4	69.1 78.4	70.3 71.7	70.6 72.0	72.7	73.4			73.0 74.6	73.0 74.7	73.4 75.0	73.6 75.2	75.8	76.7
≥ 900 ≥ 800	53.7 64.0	65.9	70.2 71.0	71.0 71.9	72.5 73.5	72.7 73.8		75.3			75.4 76.6	75.5 76.7		76.0 77.2	77.9	
≥ 700 ≥ 600	54.3 54.6	70.3 71.0	71.7 72.6	72.6	74.3	74.6 75.7	76.7		76.5 77.9		77.6	77.7 79.2	78.1 79.7	78.2 79.8	78.9 80.5	
≥ 500 ≥ 400	65.3 65.3	72.1 72.9 73.4	73.9 74.8 75.4	75.1 76.2	77.3 78.9	77.8 79.5	80.9				82.4	82.6 85.6	83.1 86.2	83.3		
≥ 300 ≥ 200 ≥ 100	65.5	73.5 73.5	75.5 75.5	77.2 77.2	80.4	81.2	83.2	85.9	85.9 86.8	89.4	89.4 91.3 91.5		90.5 93.0 93.3			
≥ 100 ≥ 0	65.5	73.5	75.5	77.3	80.4				86.9		91.5		93.3			100.0

USAF ETAC WIN 0-14-5 (OL A) MENOUS ES

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-3200

930

CEILING							VIS	BILITY STA	ATUTE MILI	ES .						
ifEET	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥17	≥1.	≥1	≥ ¼	≥ >3	≥ >	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	26.1 28.7	26.7 29.2	26.9 29.5			27.7 32.3		28.3 30.9			29.9 32.5		30.5 33.1	32.8 33.3	32.0 34.6	32.3 34.8
≥ 18000 ≥ 16000	28.7 28.9	29.2 29.5			3°•3	33.3 32.5		32.9 31.1	31.2 31.4	31.9 32.2		32.5 32.7	33.1 33.3	33.3 33.5		34.8 35.1
≥ 14000 ≥ 12000	30.0 32.5	30.5 33.1		777	31.5 34.2	31.6 34.2	32.9 34.6		32.5 35.1	33.2 35.8	33.6 36.3	33.8 36.3	34.4 37.3	34.6 37.2		36 • 1 38 • 8
≥ 10000 ≥ 9000	34.6 35.4	35.3 36.3	36.6				37.8	. ,	37.2 38.3	39∙€		38.5 39.6	39.1 40.3	39.4 40.5		41.0 42.2
≥ 8000 ≥ 7000	39.4 42.7	40.3	43.9			44.9	45.4	45.5		46.6						46.3 50.0
≥ 6000 ≥ 5000	44.3 46.2	45.8	47.5		47.2 48.8	43.8			49.9	50.8		-			54.3	52.6 54.2
≥ 4500 ≥ 4000	46.5 48.3	47.7	50.1	48.5 5:.5	51.6	51.6	52.2		53.0		52•3 54•6	52.3 54.6	55.4	55.7	57.1	54.9 57.3
≥ 3500 ≥ 3000	50.2 51.7	51.4 53.2	53.7	52.2 54.3	55.5	55.5	56.0	56.6	56.9	55.5 57.7	58.5	58.5		59.6	61.0	58.9 61.2
≥ 2500 ≥ 2000	52.5 53.1	54.2 54.5	55.3	55.9	56.6 57.5	57.5			59.0		60.6	59.7 60.6		60.8	62.2	63.3
≥ 1800 ≥ 1500	53.5 54.0	55.4 56.5	57.	56.5 57.6	58.1 59.4	59.4		5C.5	61.8	61.8		61.2			65.1	65.3
≥ 1200 ≥ 1000	54 • 6 55 • 7	57.3 59.0	59.7	58.5 62.3	60.2		63.0		61.9 64.2	62.9 65.2	63.7 65.9	63.7 65.9		64.7 67.0		
≥ 900 ≥ 800	56.2 56.8 57.4	59.9 63.8	61.7 62.6	61.4 62.4	63.4 65.1	63.5 65.2	66.1	65.2 66.9	65.7	66.7 68.7		67.4 69.5			69.9 71.9	70.1
≥ 700 ≥ 600	58.0 59.1	62.4	63.7	64.4	67.3	67.4		69.6			72.6	70.8 72.6	73.4	71.8	73•2 75•2	73.4
≥ 500 ≥ 400 ≥ 300	59.4	55.6 56.7	67.1	67.8		1. 7 1.		75.4	76.3		76.7 79.5	76.7 79.5 84.2	77.7 80.6	78.1 81.2	79.8 83.1	80.1 83.5
≥ 200	59 . 5	67.0	53.5 68.6	69.6	73.4	74.0	76.8	79.6	80.9	84.5	87.5 87.8	87.5	95.6	91.9	96.1	97.4
≥ 100 ≥ 0	59.5	57.0	68.6	69.6		74.5	76.8	79.6			87.8	88.1	91.3			100.0

TOTAL NUMBER OF OBSERVATIONS_____

USAF FTAC HEAR 0-14-5 (OL A) PROVING FORMORS OF THIS FORM ARE CONCUST

-BATA PROCESSING BRANCH USAF ETAC ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY (STA	ATUTE MILI	ES [,]						
ifEET.	≥10	≥6	≥5	≥4	≥3	≥2ಌ	≥2	≥15	≥1'4	≥1	مئ≤	≥ '9	≥ '>	≥5/16	≥ •	≥0
NO CEILING ≥ 20000	23.3	24.5	24.9	25.1	25.3	25.5	25.9	26.3	1	26.7	27.0	27.0	27.3	27.4	27.8	28.1
≥ 20000	25.7	26.5	26.9	27.	27.2	27.4	27.8	28.3			28.9	28.9		29.4	29.8	
≥ 18000 ≥ 16000	26.2	26.9	27.2	27.3 27.5	27.5 27.7	27.7	28 • 2	(28.8 29.0	28.9 29.1	29.2 29.5	29.2 29.5	29.6 29.8	29.8 30.0	30.2 30.4	
≥ 14000	27.3	28.2	28.5	28.7	28.9	29.1	29.6		33.2	30.3	30.6	30.6		31.2	31.6	
≥ 12000	28.8	29.7	30.1		33.4	30.6		31.5	31.7		32.2	32.2			33.1	33.4
	30.4	31.3	31.7	31.6	32.0	32.3	32.9	33.3	33.5			34.0	34.3		34.9	
≥ 10000 ≥ 9000	31.3	1.7			32.9	33.2	34.0	34.4	1		34.0 35.1					
	33.9	32.2	32.6 35.2		35.6	35.9		37.1	34.6	34.7	35.1 37.7	35.1 37.7	35.4 38.2		36.g	
≥ 8000 ≥ 7000	1			. 1			36.7			37.4				38.5		
	37.8	38.9	39.4	39.6	40.2	40.5	41.3	41.7	42.C		42.5	42.5		43.2	44.0	
≥ 6000 ≥ 5000	47.1	41.2	41.6	41.8	42.7	43.0	43.8	44.4	44.7	44.8	45.2	45.2	45.6	45.9	46.7	47.2
	43.2	44.4	44.8	45.1	46.0	46.3	47.1	47.7	48.1	48.2	48.5	48.5		49.2	50.8	
≥ 4500 ≥ 4000	44.4	45.6	45.3	46.6	47.5	47.8	48.6	49.2	49.6		50.0	50.0		50.8	51.5	52.0
2 4000	45.7	47.4	48.2	43.5	49.5	49.8		51.3	51.6		52.0	52.0		52.8	53.5	54.1
≥ 3500	45.7	48.5	49.2		50.6	51.2	51.9	52.6	52.9	53.0	53.3	53.3	53.8	54-1	54.8	
≥ 3000	49.2	50.3	51.3	51.7	52.8	53.2	54.1	54.7	55.1	55.2	55.5	55.5	55.9	56.3	57.1	57.6
≥ 2500	43.7	52.0	53-1	53.S	54.6	55.1	55.9	56.7	57.5	57.1	57.4	57.4	57.5	58.3	59.0	59.6
≥ 2000	40.9	52.3	53.3	53.8	54.8	55.3	56.1	56.9	57.2	57.4	57.7	57.7	58.2	58.6	59.4	59.9
≥ 1800	50.1	52.6	53.7	54.1	55.2	55.6	56.5	57.2	57.5	57.7	58.1	58.1	58.5	58.9	59.7	60.2
≥ 1500	50.6	53.7	54.3	55.4	56.5	56.9	57.8	58.6	58.9	59.1	59.5	59.5	59.9	69.3	61.1	61.6
≥ 1200	51.7	55.1	56.2	56.8	57.8	58.3	59.5	60.3	60.6	60.9	61.2	61.2	61.6	62.0	62.8	63.3
≥ 1000	53.4	57.0	58.3	58.8	63.2	60.6	61.9	62.8	63.1	63.3	63.7	63.7	64.1	54.5	65.3	65.8
≥ 900	53.7	58.1	59.4	59.9	61.3	61.8	63.5	64.4	64.7	64.9	65.3	65.3	65.7	66.1	66.9	67.4
≥ 800	54.7	59.7	61.1	61.6	63.5	64.1	65.9	66.8	67.1	67.3	67.6	67.6	68.1	68.5	69.2	59.8
≥ 700	55.6	80.9	62.3	62.8	64.5	65.4	67.3	68.3	68.7	68.9	69.2	69.2	69.7	70.1	70.9	
≥ 600	55.9	61.4	63 - 1	63.7	560.	66.8	68.9	70.1	70.6	71.4	71.7	71.7	72.2	72.6	73.3	73.9
≥ 500	56.7	64.0	66.0	00.6	69.2	69.9	72.5		74.6	75.4	75.8	75.8	76.2	76.7	77.4	78.0
≥ 400	57.2	65.2	67.2	67.8	70.9	71.5	74.1	75.7	76.9		78.2	78.2		79.4	80.2	
≥ 300	57.3	56.0	68.3	68.9	72.2	72.9	75.6	77.7	79.6		82.5	82.6		84.4	86.2	
≥ 200	57.4	66.3	68.6	69.2		74.3	77.2		81.6			86.0		89.4	93.4	
≥ 100	57.4	66.3	68.5	69.2	73.7	74.4	77.4	79.8	81.8	84.3	86.3	86.5		90.1	94.4	99.7
≥ 0	57.4	66.3	68.6	69.2	73.7	74.4	77.4	79.8	81.8				88.4	90.1	94.4	100-0

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC ALM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGET

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFS WA

43-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C500-0800

CEILING							VIS	BILITY (STA	ATUTE MILI	ES						
FEET.	≥10	≥6	≥5	≥4	≥3	≥2 つ	≥2	≥17	≥1'•	≥1	≥ 1,,	≥ >,	≥÷	≥5 16	≥ •	≥c
NO CEILING ≥ 20000	22.0 24.2	23•4 25•5	23.7 25.3	25.9	26.2	25.1 25.2	,	24 • 4 26 • 6			25.2 27.3	1	25.6 27.7	25.7 28.3	26.3 28.5	26.6 28.9
≥ 18000 ≥ 16000	24.5 24.6	25.9 26.7	26 • 1 26 • 2			26.6 26.8	26.9	27.1			27.6 27.8	28.0	28 • 1 28 • 3	28.5	28.9 29.1	29.2 29.5
≥ 14000 ≥ 12000	25.2	26.7	26.9	2â.3		27.4 28.7	28.8	29.0	28.0 29.2	29.7	28.5 29.8	28.6	28 • 9 30 • 2	-	29.9 31.2	31.5
≥ 10000 ≥ 9000	29.5 30.4	31.1 32.0	32.3	32.5			33.3	33.8	32.8 34.0	34.4	33.3 34.5	33.4 34.6	33.8 34.9	34.0 35.2	35.9	35 • 1 36 • 2
≥ 8000 ≥ 7000	32.6 35.3	34.3 37.1	37.4	37.6			38.5			39.6			37.4 00.4	37.6 40.6	41.4	38.7 51.7
≥ 6000 ≥ 5000	39.7	39.9 41.6 43.7	39.4 42.5	42.3			43.4	44.0		44.9						43.9 46.9
≥ 4500 ≥ 4000 ≥ 3500	42.9	45.2	45.E		47.2	47.3	48.0	48.5	48.9	49.5	49.7		50.1	50.3	51.1	51.4 52.6
≥ 3000 ≥ 3000	45.6 45.9		48.6	49.0	50.1	50.3	51.2	51.7 53.7	52.3	52.9	53.1	53.2		53.8	54.5	
≥ 2000 ≥ 1800	47.7	50.4	51.3	52.0	53.1	53.3	54.2	54.9		56.2	56.5 57.0	56.6	57,3	57.8 57.8	58.3	58.6 59.1
≥ 1500 ≥ 1200	48.2		52.5	53.3	54.4	54.6	55.5	56.2 57.3	56.9	57.6	57.8 58.9	58.0	58.4	58.7	59.7	50.D
≥ 1000 ≥ 900	50.0 53.5	54.1	55.2	56.1		57.8	58.8	59.7	60.4	61.2	61.4	61.5	61.9	62.3	63.2	63.5
≥ 800 ≥ 700	50.8 51.6	55.6 56.7	56 • 8 58 • 3	57.8 59.€	59.5 69.6	59.9	51.4 52.7		63.1	64.4	64.5 66.3	64.7	65.2		66.5 58.3	68.6
≥ 600 ≥ 500	52.8	57.4 59.7	61.5	59.9 62.3	62.E	65.2		69.2	70.5		68.7 73.0	73.1	69.5 74.0		70.8 75.4	71.2 75.8
≥ 400 ≥ 300	53.4	60.8	62.5 53.1	85.2	69.0	69.7		75.3	76.9	8U.D	76.6 81.6	81.8	83.4	84.3	87.0	88.4
≥ 200 ≥ 100 ≥ 0	53.5 53.5	51.2	63.8	66.0	70.1	70.8	74.2	77.1	78.7		84.9	85.3	89.6		95.5	97.0
≥ 0	53.5	61.2	63.9	66.0	70.1	70.8	74.2	77.1	78.7	82.7	84.9	85.3	88.6	98.4	95.5	100.0

TOTAL NUMBER OF COSERVATIONS,

930

USAF ETAC ALS 0-14-5 (OL A) MENOUS SEMANS OF THE FORM ARE CREDIES

- DATA PROCESSING BRANCH LIAF ETAC AIF AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 - 14

5408

FAIRCHILD AFB MA

49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2950-1166

CEILING							VIŞ	BILITY STA	TUTE MIL	S						
ıfEE†∙	≥10	≥6	≥5	≥4	≥3	≥2¬	≥2	≥17	≥1%	≥1	≥ 5.0	≥5	≥ ∿,	≥5 16	≥ •	≥0
NO CEILING	21.5	22.9	23.4	23.7	24.2	24.4	24.5	24.9	24.5	25.6	25.9	25.2	26.5	26.6	27.1	27.6
≥ 26000	24.4	25.7	25.3					28.2		28.9	29.2				33.5	
≥ 18000	25.5	25.9	27.5	27.7	28.4	28.8		29.4		35.1	35.4	36.8		31.2		
≥ 16000	25.5	25.9					29.0									
≥ 14000 > 12000	27.3	26.4	- i	29.5		(30.8			31.9	32.3	32.5				
	23.6	33.3	30.8		31.7		32.4						34.5	34.6		
≥ 10000	32.7	34-1	34.5	-4	2					37.7	36.1	38.4				
≥ 9000	33.5	35-1		36.1				38.3							40.8	
≥ 8000	35.9	37.5	38.3	38.6				40.9	41.0	41.6	41.9	42.3			43.3	34.C
≥ 7000	3€.8	40.4		41.5	42.5			43.8				45.2				
≥ 6000	-3-5	42.4		43.4	44.5		45.4	45.8				47.2	47.5	47.6	48.3	1
≥ 5000	=3.0	54.9	45.7	46.0	47.1	47.6						49.8	50.1	50.2		
≥ 4500	43.9	45.0	46.9		48.6							51.3		51.7	52.4	
≥ 4000	45.6	48-2			51.0		51.6		52.4			53.7	54.0		54.7	
≥ 3500	46.5	49.4	50.9	51.3	52.7	53-3	53.7			54.8	55.2	55.5	55.8	55.9		
≥ 300.1	47.7	50.a	52.3	53.3	54.9	55.6				57.3	57.6	58.3	58.3	55.4	l	59.7
≥ 2500	48.8	52.4	54.1	55.5	57.4	53.2	53.7	59.2	59.4	69.D	60.3	60.6	61.0	61.1	61.7	62.4
≥ 2000	50.1	54.1	55.9	57.4	57.5		60.9	61.4	61.5	62.4	62.7	<u>63.0</u>	63.3	63.4	64.1	54.8
≥ 1800	57.4	54.4	26.5	58-1	50.1	51.q	61.6	52.2	62.4	53.1	63.4	63.8	64 . 4	64.2	64.8	65.6
≥ 1500	51.2	55.3	57.5	59.0	61.4	62.3	63.1	63.7	63.9	64.7	65.1	65.4	65.7	65.8	66.5	67.2
≥ 1200	51.7	56.3	58.7	65.5	62.9	53.8	54.7	65.3	65.5	66.3	66.7	67.0	67.3	67.4	68.1	1
≥ 1000	52.3	57.1	59.7	61.5	64.2	65.1	66.1	66.7	66.9	67.8	68.2	68.5	68.8	68.9	69.5	
≥ 9 00	52.8	57.6	60.2	52.3	65.2	56.1	67.2	57.8	68.1	69.1	69.5	69.8	79.1	70.2	79.9	71.6
≥ 800	52.9	57.8	60.4	62.6	65.6	66.6	67.7	63.5	68.8	73.1	70.5	73.9	71.3			
≥ 790	53.2	58.5	61.1	63.5	66.7	68.0	67.4	70.1	70.4	71.8	72.3	72.5	73.0	73.1	73.9	74.6
≥ 630	53.5	59.1	61.8	64.4	68.2	69.5	75.9	71.7	72.3	74.3	74.4	74.7	75.3	75.4	75.1	76.9
≥ 500	54.0	59.8	62.5	65-8	70.0	71.5	73.3	74.4	75.2	77.4	78.5	78.8	79.5	79.7	80.5	81.4
≥ 400	54 . 5	60.2	63.3	66.7	71.7	73.5	75.6	76.8	77.8	80.2	81.9	82.3	83.4	23.8	84.7	85.6
≥ 300	54.1	63.4	63.7	67.3	72.7	74.6	77.5	75.9	88.5	83.4	86.5	86.9	89.1	89.9	91.2	92.3
≥ 200	_54 • 3	60.4	64.5	67.6	73.4	75.3	78.2	79.6	81.3	84.5	1.38	88.5	91.7	93.0	95.4	98.0
≥ 100	54.1	55.4	64.0	67.6	73.1	75.3	78.2	79.6	81.3	84.5	88.1	88.5	92.0	93.3	95.3	99.9
≥ 0	54.1	58.4	64.5	67.6	73.1	75.3	78.2	79.6	81.3	84.5	88.1	88.5	92.0	93.3	96.5	100.C

TOTAL NUMBER OF DESERVATIONS.

938

USAF ETAC #40 0-14-5 (OL A) regress serious or his room set concer-

CEILING VERSUS VISIBILITY

STATION

FAIRCHILD AFB NA

40-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISI	BILITY (STA	ATUTE MILE	ESI						
(FEET)	≥10	≥ه	≥ 5	≥4	≥ 3	≥2 ?	≥2	≥11/2	≥1'4	≥1	≥ ⅓4	≥ ¼	≥ 17	≥5 16	≥ ₄	≥0
NO CEILING ≥ 20000	25.1 28.5	26.3 33.1	26.6 33.3	26.7 32.4	27.0 31.1	27.0 31.1	27.1 31.3	27.1 31.4	27.1 31.4	27.1 31.4	27.1 31.4	27.1 31.4	27.3 31.6	27.3 31.6	28.7 32.3	1 1
≥ 18000 ≥ 16000	29.8 29.9	31.5 31.6	31.8 31.9	31.9 32.0	32.6 32.7	32.6 32.7	32.9 33.0	33.0 33.1	33.0 33.1		33.0 33.1	33.0 33.1	33.2 33.3	33.2 33.3	33.9 34.0	1
≥ 14000 ≥ 12000	32.2 34.9	34.2 36.9	34.3	34.4	35.3 38.5	35.3 38.5	35.6 38.8	35.8 39.0	35.8 39.0	32.1	35.8 39.1	35.8	39.4	39.5	40.2	40.5
2 9000 ≥ 9000	37.4 38.4	39.6 40.5	40.2	40.3		41.3	41.6 42.8	41.8 43.0	41.8	42.8 43.2	42.5 43.2	42.0 43.2	43.4	42.4	43.1	
≥ 8000 ≥ 7000	44.4	43.4	44.1	44.2	45.4	45.4	45.7 49.0	45.9 49.2	45.9 49.2	46.1 49.5	46.1 49.5	46.1	46.3	46.5	47.2 50.5	51.0
≥ 6000 ≥ 5000	46.0 49.1	48.4 51.8	49.0 52.6	49.1 52.8	50.4	54.2	50.8 54.5	51.0 54.7	51.0 54.7	51.2 54.9	51.2 54.9	51.2 54.9		51.5 55.3	52.3 56.1	56.6
≥ 4500 ≥ 4000	5 ° 1 5 ° 9	52.8 54.1	53.5	53.8 55.1	55.2 56.7	55.2 56.8	55.5 57.1	55.7 57.3	55.7 57.3	55.9 57.5	55.9 57.5	55.9 57.5	56.1 57.7	56.2 57.8	57.1 58.7	57.5 59.1
≥ 3500 ≥ 3000	51.4 53.9	55.1 57.8	55.8 58.6	56.1 59.4	58.6	58.1	58.4 62.6	58.6 62.9	58.6 63.0	63.2	63.2	58.8 63.2	59.0 63.4	59.1 63.5	60.0	60.4
≥ 2500 ≥ 2000	55.7 57.1	62.3	61.2	62.T	64.5	64.7	65.6	68.8	66.1		69.2	66.5	66.7 69.5	66.8	67.6 70.5	68.2 71.1
≥ 1800 ≥ 1500	57.3 57.8	62.5	63.5	65.3	67.2	67.4 68.7	68.4	70.3	69.1 70.4	69.5 70.8	69.5 70.8	69.5 70.8	71.0		70.8	72.6
1200 ≤ 1000	58.9 60.0	66.3	65.9	67.1	70.0	70.5	71.5	72.2	72.3 74.5		74.8	72.6	72.8	73.0 75.3	73.9 76.1	76.7
≥ 900 ≥ 800	67.5	67.€		72.0	73.1 74.5	73.9 75.3	75.1 76.5	75.7 77.1	75.8 77.3	77.7	76.1 77.7	76.1	76.3 78.0	76.6 78.2	77.4	
≥ 700 ≥ 600	61.6 62.2	68.6 69.5	70.4 71.5	72.3	75.7 77.6 78.7	76.5	77.6 79.0	78.3 79.8	78.5 80.0	80.5	78.9 80.5	78.9 80.5	79.1 80.8	79.4 81.0	80.2 91.8	82.4
≥ 500 ≥ 400	62.3 62.3	71.6	74.	. î • C		79.6 82.4	84.1	85.3 87.8	86.5	87.6	84.0 88.1 92.5	84.D 88.1 92.6	84.2	84.5	85.5	90.4
≥ 300 ≥ 200	£3.1	72.2	75.	78.3	83.4	84.6	86.7	88.3	89.4	91.9	93.4	93.4	93.8	95.9	95.1 97.8 98.5	99.2
≥ 109 ≥ 0	53.1	72.2			83.4	84.6	86.7	88.3	89.4			93.7 53.7	95.3 95.3			100.

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC JUL 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

· 生物· 100 ·

-- DATA- PROCESSING BRANCH USAF ETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (STA	TUTE MILE	ESI						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'7	≥ 2	≥1%	≥1%	≥1	≥ 3,4	≥ >/g	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	29.6 32.6	35.9 34.2		30.9	31.1	31.1	31.1 34.6	31.2 34.8	31.3 34.9	31.3 34.9	31.4 35.1	31.4 35.1	31.5 35.2	31.6 35.3	31.9 35.6	32.0 35.7
≥ 18000 ≥ 16000	33.5 33.8	34.9 35.2	34.9 35.2	34.9	35.3 35.5	35.4 35.6	35.5 35.7	35.7 35.9	35.8 36.0	35.8 36.0	35.9 36.1	35.9 36.1	36.0 36.2	36.1 36.3	36.5 36.7	36.6
≥ 14000 ≥ 12000	35.1 37.1	36.6 38.6	36.6	36.6 38.6	36.9 38.9	37.U	37.1 39.1	37.3 39.4	37.4 39.6	37.4 39.6	37.5 39.7	37·5 39·7	37.6 39.8	37.7 39.9	38.1 40.3	38.2 40.4
≥ 10000 ≥ 9000	39.9 41.3	41.6 43.0	41.6 43.0	41.6	41.9	42.0 43.4	42.2 43.5	42.4 43.8	42.6 44.0	42.6	42.7 44.1	42.7	42.8	42.9 44.3	43.3	43.4
≥ 8000 ≥ 7000	44.2	46.0 48.8		46.0 48.8	46.3	46.5 49.7	46.6 49.8	46.8 50.1	47.0 50.3	47.1 50.4	47.3 50.6	47.3 53.6	47.4 52.8	47.5 50.9	48 • 1 51 • 4	48.2 51.5
≥ 6000 ≥ 5000	47•7 49•7	49.8 52.2	1 7 7 7 3	50.0 52.5	50.5 53.0	50.9 53.3	51.0 53.4	51.3 53.8	51.5 54.0	51.6 54.1	51.8 54.4	51.8 54.4	51.9 54.5	52.0 54.6	52.6 55.2	
≥ 4500 ≥ 4000	51.3 53.1	54.4 .56.6	1 1	54.7 57.2	55.3 58.0	55.6 58.3	55.8 58.6	56.1 58.9	56.3 59.1	56.5 59.4	56.8 59.8	56.8 59.8	56.9 59.9	57.0 60.0	57.5 60.5	57.7 60.8
≥ 3500 ≥ 3000	54.9 56.9	58.8 61.3	59.2 61.9	59.2 62.0	67.0 62.9	60.3 63.2	60.6 63.7	61.0 64.1	61.2 64.3	61.5 64.6	61.9 65.1	61.9 65.1	62.0 65.2	62.2 65.3	62.7 65.8	62.9 66.0
≥ 2500 ≥ 2000	59.2 60.6	64.1		65.1 67.1	65.9 68.2	66.2 68.5	66.8 69.1	67.2 69.6	67.4 69.8	67.7 70.2	68.2 70.6	68.2 70.6	68.3 70.8	68.4 70.9	68.9 71.4	69.1 71.6
≥ 1800 ≥ 1500	61.7	56.2 67.2	67.1 68.2	67.5 68.6	68.6 69.8	68.9 70.1	69.6 70.8	70.0	70.2 71.5	70.6 71.9	71.1	71.1 72.4	71.2 72.5	71.3	71.8 73.1	72.0 73.3
≥ 1200 ≥ 1000	62.6 63.5	70.1	71.4	69.7 72.3	71.0	71.3 74.0	72.0	72.6 75.8	72.8 76.1	73.2 76.6	73.7 77.8	73.7 77.0		73.9	74.4 77.7	
≥ 900 ≥ 800	64.5	71.8	72.5	73.3	74.6	75.1 76.1	76.0	77.2 78.5	77.5 78.9	78.0 79.7	78.4 80.1	78.4 80.1	78.5 80.2	78.6 80.3	79.1 80.9	81.1
≥ 700 ≥ 600	64.9	72.4 73.0	74.6	75.1 76.2	76.7 78.5	77.2 79.8	78.2 80.0	79.6	80.0	80.8	81.3	81.3	81.4	81.5 84.3	82.0 84.8	85.1
≥ 500 ≥ 400	65.4 65.6	73.3	75.1 76.5	76.9 78.7	79.4	79.9 81.9	81.3	82.8	83.2 85.9	84.9	86.0	86.1	86.3 90.1	86.5 90.2	87.D 90.8	91.8
≥ 200	65 • 6	74.8	77.2	79.5 79.3	83.3	84.3	85.1 85.9	86.8	88.0 88.9	91.0	94.5	93.1	94.5	94.6	95.8	96.2
≥ 100 ≥ 0	65.6 65.6		77.5 77.5	79.9 79.9	83.3	84.3 84.3	86.D	87.8	89.1 89.1	92.4 92.4	94.7	94.9	96.9	97.2	1	100.0

TOTAL NUMBER OF OBSERVATIONS...

931

USAF FTAC HILLAR 0-14-5 (OL A) PREVIOUS SOITIONS OF THIS FORM ARE CASCUL

5409

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on after the state of the

CATA PROCESSING BRANCH JUAN ETAC AIR NEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2- 14

FAIRCHILD AFB WA

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS ILST

CEILING							VIŜ	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥22	≥2	≥1%	≥1%	ا≾	≥ 3,4	≥3/8	≥ 'ז	≥ 5/16	≥ 4	≥0
NO CEILING ≥ 20000	33.8 35.7	34.2 36.1	34.2 36.1	34.2 36.1	34.2 36.1	34.3 36.2	34.4 36.3	34.5 36.6	34.5 36.6	34.5 36.6	34.7 36.8	34.7 36.8	34.8 36.9	34.9 37.0	35.4 37.4	35.6 37.6
≥ 18000 ≥ 16000	36.5 36.6	36.5	36.9 37.	36.9 37.9	36.9 37.0	37.0 37.1	37.1 37.2	37.3 37.4	37.3 37.4		37.5 37.6	37.5 37.6	37.6 37.7	37•7 37•8	38.2 38.3	38.4 38.5
≥ 14000 ≥ 12000	37.5 39.1	38.5 39.5	38. 39.5	38.C 39.5		36.1 39.6		38.4 40.0	38.4 40.0	38.4 40.0	38.6 40.2	38.6 40.2	38.7 40.3	38 • 8 40 • 4	39.2 40.9	39.5 41.1
≥ 10000	42.0	41.3 42.5	41.6	41.6	42.8	41.7	41.8 43.0	42.2	42.2 43.3			42.4 43.5	42.5 43.7	42.6 43.8	43.0 44.2	43.2 44.4
≥ 8000 ≥ 7600	45.3	45.7 48.8	46.0 49.2	49.4	49.6	46.2	46.5	46.9 50.4			47.1 50.8	47.1 50.8	47.2 53.9	47.3 51.0	47.7 51.4	48.D 51.6
≥ 6000 ≥ 5000	51.0 53.5 55.5	51.4 54.0	54.6	52.0 54.7	52.4 55.1	52.5 55.2	52.7 55.4	53.3 56.0			53.8 56.5	53.8 56.5	53.9 56.6	54.0 56.7		
≥ 4500 ≥ 4000 ≥ 3500	56.7 57.4	56.1 57.3	57.1 58.3	57.1 56.4		57.6 59.1	57 • 8 59 • 4	58.5 60.0		58.7 60.3	59.0 60.6	59.0 60.6	59.1 60.9	59.2 61.0		59.9
≥ 3000	59.3	50.2 62.2	61.4	61.5	62.0	60.2 62.3	60.4 62.6		63.4		63.9	63.9	64.1	64.2	64.6	64.8
≥ 2000	61.1	62.9	64.7	64.8	64.8	65.2	65.5	65.3 66.1	65.5 66.3	65.6 66.5	65.9 66.8	65.9 66.8 67.4	66.1 67.0	66.2 67.1	67.5	66.9
≥ 1500 ≥ 1200	62.2	64.2	65.4	65.5	66.1	66.5 68.G	66.8	67.4	67.6		68.1	68.1	68.3	68.4	68.2 68.8 70.6	68.4 69.0 70.9
≥ 1000	64.5 65.1	67.3	68.5	68.6	69.6	69.9 70.6	70.4	71.4	71.7	71.9	72.3	72.3	72.5	72.6	73.0	73.2
≥ 800 ≥ 700	65.5	69.1	70.3	78.8	1	72.3	73.1	74.2	74.8		75.5	75.5	75.7	75.8	76.2 77.4	76.5 77.6
≥ 600 ≥ 500	66.9	7C.6	72.0	72.5	73.9	74.3	75.5 78.1	76.7	77.6	78.3	78.7	78.7 82.5	79.0 82.8	79.1 82.9	79.6	79.9 83.7
≥ 400 ≥ 300	67.7	74.8	75.6 76.6	76.0 77.0	77.8	78.5 79.5	80.2		84.4	86.7	88.1	88.4	89.1	89.4 93.2	89.9 94.0	90.2
≥ 200 ≥ 100 ≥ 0	67.7 67.7	74.9	76.7 76.7	77.1		79.8 79.9			87.5 87.6		93.4	94.0	95.7	96.3	98.0	
≥ 0	67.7	74.9	76.7	77.1	79.2	79.9	82.2	85.5	87.6	91.4	93.5	94.3	-	·	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC 1014 0-14-5 (OL A) MEYOUS EDITIONS OF THIS FORM ARE OBSIGE

STALL STATE OF THE

-- DATA- PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICT/MAC

CEILING VERSUS VISIBILITY

2 to 1 1 4

FAIRCH II AFB WA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILE	E5)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥252	≥2	21%	≥1'₄	≥1	≥ ¾	≥ ×,,	≥ '5	≥ 5-16	≥ 4	≥0
NO CEILING ≥ 20000	31.7	32.2 34.1	32.5 34.3	32.5	32.6 34.4	32 · 7	33.1	33.5 35.4	33.7 35.5	34 • 1 35 • 9	34.5 36.5	34.8 36.8	35.1 37.0	35.2 37.1	35 · 8 37 · 7	36.1 38.1
≥ 18000 ≥ 16000	33.9 34.1	34.5	34.6 34.8	34.6	34.7	34.8 35.1	35.3 35.5	35.7 35.9	35.8 36.0	36.2 36.5	36.8 37.8	37.1 37.3	37.3 37.5	37.4 37.6	38.1 38.3	38.4 38.6
≥ 14000 ≥ 12000	35.1 36.9	35.5 37.3	35.8 37.6	35.8 37.6	35.9 37.7	36.J 37.8	36.5 38.3	36.9 38.7	37.0 38.8	37.4 39.2	38.0	38.3 40.1	38.5	38.6 40.5	39.2 41.2	39.6 41.6
≥ 10000 ≥ 9000	39.4 41.2	40.2	40.5	40.5	40.6 42.5	40.8	41.2 43.0	41.6	41.7	42.2 44.6	42.7	43.C 44.8	43.3 45.2	43.4 45.3	44.1 45.9	44.5
≥ 8000 ≥ 7000	44.8	45.3 48.8	46.2 49.2	46.2	46.3	46.5	46.9 50.0	47.4 50.5	47.5 50.6	48.0 51.1	48.5 51.6	48.8	49.1 52.3	49.2 52.4	49.9	50.3 53.4
≥ 6000 ≥ 5000	49.5 51.3	50.6 52.6	51.1 53.3	51.1 53.3	51.3 53.5	51.4 53.7	51.8 54.2	52.4 54.7	52.5 54.8	52.9 55.3	53.4 55.9	53.8 56.2	54.1 56.6	54.2 56.7	54.8 57.3	55.3 57.7
≥ 4500 ≥ 4000	52•2 53•5	53.4 54.9	54.2 55.7	54.2 55.7	54.4 55.9	54.5 56.0	55.1 56.6	55.6 57.1	55.7 57.2	56.1 57.6	56 • 8 58 • 3	57.1 58.6	57.4 58.9	57.5 59.0	58.2 59.7	58.6 60.1
≥ 3500 ≥ 3000	55.1 56.2	56.6 58.0	57•4 58•9	57.4 58.9	57.6 59.4	57.7 59.5	58.4 60.1	58.9 60.6	59.0 60.9	59.5 61.3	60.1 61.9	60.4 62.3	60.8 62.7	60.9 62.8	61.5	61.9
≥ 2500 ≥ 2000	57.8 59.0	59.7 60.9	60.6 61.9	60.8	61.3 62.7	61.4 62.8	62.4 63.9	62.9 64.4	63.1 64.6	63.5 65.2	64.2 65.8	64.5 66.1	64.9	65.1 66.7	65.7 67.3	66.1 67.7
≥ 1800 ≥ 1500	59.4 59.8	61.5 62.0	62.6 63.2	62 · 8 63 · 4	63.3	63.4 64.2	64.5 65.3	65.1 65.9	65.3	65.8 66.7	66.5 67.3	66.8 67.6	67.2 68.2	67.3 68.3	68.D 68.9	
≥ 1200 ≥ 1000	67.5 61.3	63.2 64.7	54.4 65.9	64.6 66.2	65.3 66.9	65.4 67.0	66.5 68.4	67.1 69.0	67.3 69.4	67.8 69.9	68.5 70.5	68.8 70.9	69.4 71.4	69.5 71.5	70.1 72.2	70.5 72.6
≥ 900 ≥ 800	61.7 61.9	65.7 66.1	67.7 67.6	67.3 68.1	68.8 68.8	68 • 1 68 • 9	69.5 70.3	76.1 71.1	70.5 71.8	71.1 72.5	71°-7	72.2 73.5	72.7 74.1	72.8 74.2	73.4 74.8	73.9 75.3
≥ 700 ≥ 600	62•8 63•0	67.6 68.5	70.1	69.7 70.9	70.8	70.9 72.4	72 .3 73.8	73.1 74.7	73.9 75.7	74.7 76.8	75 • 4 77 • 5	75.8 78.0	76.5 78.6	76.6 78.7	77.2 79.4	77.6 79.8
≥ 500 ≥ 400	63.2 63.2	70•1 70•4	71.8 72.5	72.6 73.1	74.4 75.1		76.0 77.0	77.5 79.4	78.7 31.2	80.2 83.1	81.0 84.3	81.4 84.9	82.0 85.9	82.3 86.2		1 1
≥ 300 ≥ 200	63.5 63.5	71.8 72.3	74.2	74.5 75.1	76.9 77.4	77.2				87.3 88.6	89.6 91.5	90.2	91.4 94.3	91.8 94.9	97.3	98.6
≥ 100 ≥ 0	63.5 63.5	72.4 72.4	74.3	75.2 75.2	77.6 77.6		80.8 80.8		87.0 87.0		92.0 92.0		94.8 94.8			99.9 100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

24114

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C

FAIRCHILD AFB WA

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥11/2	≥1'4	≥ 1	≥ 1,	≥ 3/9	≥ 5	≥5 16	≥ ₄	≥0
NO CEILING ≥ 20000	26.7 29.2	27.6 30.2		28.G 30.6	28.3		28.5				29.5 32.2		29.8 32.6	29.9 32.7	30.6 33.3	38.8 33.6
≥ 18000 ≥ 16000	29.8	30.8 31.0	31.1 31.2	31.2 31.4	31.5 31.7		31.9	32.2 32.4		32.6 32.8	32. 1 33.1	33.0 33.1	33.3 33.4	33.4 33.6		1
≥ 14000 ≥ 12000	:1.2 33.	32.2	32.5 34.4	32.6 34.6	33.0 35.0	33.1 35.1	33.4 35.3	33.7 35.6	33.8 35.8	34.1 36.1	34 • 4 36 • 4	34.5 36.5	34 · 8 36 · 8	34.9 36.9	35.5 37.6	35.8 37.9
≥ 10000 ≥ 9000	35.6 36.7	36.8	37.2 38.3	37.3 38.5	37.7 38.9	37.9 39.1	38 • 2 39 • 4	38.5 39.7	38.6 30.9	38.9 40.2	39.2 48.5	39.3 40.6	39 • 6 40 • 9	39.7 41.0	40.4	40.8
≥ 8000 ≥ 7000	39.7 42.8	41.0	41.4 44.6	41.5	42.C	42.2 45.6	42.5	42.9 46.3	43.0 46.5	43.4	43.7 47.1	43.8 47.2	44.1	44.3		45.4
≥ 6000 ≥ 5000	44.6	46.1	46.5	46.7	47.4 50.1	47.6 50.3	48 • 0 50 • 7	48.4 51.1	48.6 51.3	49.0 51.7	49.3 52.0	49.4 52.1	49.7 52.5	49.9 52.6	50.6 53.4	51.0 53.8
≥ 4500 ≥ 4000	48.1	50.0	50.6 52.4	50.8 52.6	51.7 53.6	51.9 53.8	52.3 54.3	52.8 54.8	53.0 55.0	53.3 55.4	53.7 55.7	53.8 55.8	54 • 1 56 • 2	54.3 56.3		55.4 57.5
≥ 3500 ≥ 3000	50.7 52.4	53.5	53•ε 55•ε	54.1 56.3	55.1 57.4	55.3 57.7	55 · 8 58 • 3	56.3 58.8	56.5 59.1	56.9 59.5	57.3 59.9	57.4 59.9	57.7 60.3	57.9 60.5	58.6 61.2	59.0 61.6
≥ 2500 ≥ 2000	53.9 54.8	56.9 57.9	57.7 59.0	58.3 59.6	59.6 61.0		60.5 62.0	61.1	61.3 62.9	61.8 63.4	62•2 63•8	62.2 63.8	62.6 64.2	62.8	63.5 65.2	63.9
≥ 1800 ≥ 1500	55 • 1 55 • 7	58.4 59.2	59.5 60.4	60.1 61.0	61.5		62.5 63.6	63.1 64.2	63.4 64.5	63.9 65.1	64.3 65.4	64.4 65.5	64.7	64.9 66.1	65.7 66.9	66.1
≥ 1200 ≥ 1000	56.5 57.6	60.3	61.6 63.3	62.3 64.1	63 a 8		65.0 67.2	65.7 67.9	66.0 68.3		66.9	67.3 69.3	67.4 69.7	67.6 69.9	68.3 70.7	68.8 71.1
≥ 900 ≥ 800	58 • 1 58 • 5	52.8 63.6	64 • 2 65 • 1	65.1 66.1	66.9 68.1	67.3 68.5	1	69.3 70.7	69.6 71.2	70.2 71.9	70.6 72.3	70.7 72.4	71.1 72.8	71.3 73.1	72.1 73.8	72.5 74.2
≥ 700 ≥ 600	59•1 59•5	64.5 65.2	1	67.2 68.2	69.3 70.7	69.8 71.2	71.1 72.6	72•1 73•7	72.6 74.4	73.4	73.9 76.0	74.0 76.1	74.4	74.6 76.8	75.4 77.6	75.8 78.1
≥ 500 ≥ 400	60.1 60.4	66.7 67.7	68.6 69.9	72.0	72•7 74•6	73.4 75.3	75.1 77.2	76.6 79.1	77.5 80.3	79.0 82.2	79.7 83.3	79.8 83.5	80.3 84.3	80.6 84.7	81.5 85.8	86.4
≥ 300 ≥ 200	60.6	68.4 68.7	70.7 71.1	72.4 72.8	76.0 76.7	76.9 77.6	79.3 80.2	81.5 82.6		85.8 87.4	87.6 89.9	90.2		89.9 93.5		92.6 98.1
≥ 100 ≥ 0	60.6 60.6	68.7 68.7	71.1 71.1	72.9 72.9	76.7 76.7	77.7 77.7	80.3 80.3	82•7 82•7	84.5 84.5	87.6 87.6	90.1 90.1		93.0 93.0		-	99.9

THE STREET WAS CONTRACTED AND STREET THE STREET ASSESSMENT ASSESSM

TOTAL NUMBER OF OBSERVATIONS_

7440

USAF ETAC FORM 0-14-5 (OL A) MEYOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

24114

FAIRCHILD AFB WA

69-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2′α	≥ 2	≥1%	≥1%	≥1	≥ 3.	≥ >⁄9	≥ ?	≥ 5.16	ين≤	≥0
NO CEILING ≥ 20000	57.7 55.2	51.3 55.8	51.4 56.0	51.5 56.1	51.7 56.2	51.7 56.3	51.8 56.4	51.9 56.5	51.9 56.5	52. 3 56.6	52.7 56.7	52.1 56.7	52.2 56.8	52.2 56.9	52.4 57.1	52.6 57.3
≥ 18000 ≥ 16000	55.8 56.3	56.9	56.5	56.7 57.2	56.9 57.4	56.9 57.4	57.0 57.5	57.1 57.6	57.2 57.7	57.2 57.7	57.3	57.3	57.5	57.5	57.7	57.9
≥ 14000 ≥ 12000	57.9 6G.7	58.6 51.4	58.7 61.6	58.9 61.7	59.0 61.9	59.1 62.3	59.2 62.1	59.3 62.2	59.3 62.2	59.4 62.3	59.5	59.5	59.6 62.5		59.9 62.8	50.1 63.0
≥ 10000 ≥ 9000	64.5	65.3 66.9	65.5 67.1	65.6 67.2	65.8 67.5	65.9 67.5	66.6	66.1	66 • 1 67 • 8	66•2 67•9	66.3 68.0	66.4 58.0	66.5 68.1	66.5 68.2	66.8 68.4	67.0 68.6
≥ 8000 ≥ 7000	08.7 71.4	69.6 72.3		73.E 72.7	70.2 73.0	70.3 73.3	75.4 73.1	70.5 73.3	78.6 73.3	70.7 73.4	70.8 73.6	70.8 73.6	71.3 73.7	71.0 73.8	71.2 74.0	
≥ 6000 ≥ 5000	72 • ° 75 • 3	74.0 76.4	74 • 2 76 • 7	74.4 75.9	74.7 77.2	74.7 77.3	74 • 8 77 • 4	75.0 77.5	75.0 77.6	75•2 77•7	75.3 77.8	75.3 77.9	75.4 78.0	75.5 78.1	75.7 78.3	75.9 78.5
≥ 4500 ≥ 4000	76.3 73.1	77.5	77.8 79.8		78.3 80.3	78•4 80•4	78.5 80.5	78.7 80.7	78.7 80.7	78.8 80.9		79.E 81.G	79.1 81.2	79.2 81.2	79.4 81.5	79.7 81.7
≥ 3500 ≥ 3000	79•1 81.4	80.4 82.0	83.8 82.5	82.7	81.4	81.5 83.2	81.6 83.4			82.9 83.7	82.1 83.9	82.1 83.9	82.3 84.1	82.3 84.1	82.6 84.4	82.8 84.6
≥ 2500 ≥ 2000	81.2	83.7	83.5 84.2	84.5	84.2 85.0	85.1	84.5 85.3		84.7 85.6	84.8 85.7	85.0 85.9	85.0 85.9	85.2 86.1	85.2 86.1	85.5 86.4	85.7 86.6
≥ 1800 ≥ 1500	81.9 82.2	83.9 84.4	84.9	84.7 85.2	85.2 85.8	25.9	85.5 86.2	85.7 86.4	85.8 86.5	86.0 86.7	86.1 86.8		86.3 87.0	86.4	86.6 87.3	87.
≥ 1200 ≥ 1000	82.7 83.1	85.7 85.7	86.4	86.0 86.8			87.0 88.0			87.5 88.6	87.7 88.8		87.9 89.0			89.5
≥ 900 ≥ 800	33.3 83.6	86.1 86.5	86.8	87.7	88.0 88.5	-	88.5	88.8				90.0		90.2		90.7
≥ 700 ≥ 600	83.8	87.3	88.2	88.7	89.0 89.7		89.6 90.4	90.8	91.0	90.4	91.6	91.6	91.8	91.9	91.2	92.4
≥ 500 ≥ 400	84.5		89.2	89.9	91.3	91.5		92.9	93.2	92.7	94.3	94.4	94.7	93.3	95.1	95.4
≥ 300 ≥ 200	84.5	88.5	89.6	90.3	91.8 92.0	92.3	93.2		94.6		96.5	96.6		96.6	98.6	99.4
≥ 100 ≥ 0	84.5 84.5		,		92.0 92.0		93.2 93.2		94.6 94.6						,/	100.0

TOTAL NUMBER OF OBSERVATIONS....

87630

12345dF855j253456789dj2545d789d12345b789dj2545b7890j234567890j234567890j234567890j234567890j234567890j234

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

> CLEAR WAS CONVERTED TO 0/10 SCATTERED WAS CONVERTED TO 3/10 BROKEN WAS CONVERTED TO 9/10 OVERCAST WAS CONVERTED TO 10/10 ORSCURED WAS CONVERTED TO 10/10

SKY COVER

24114 FAIRCHILD AFB WA

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STATION NAME

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	<u> </u>			PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER	!		_	MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0_	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JAN	30-02	12.4			14.6						11.3	61.7	7.6	91
	03-05	12.7			11.1						12.3	63.9	7.8	92
	36-08	9.0			11.5						14.9	64.6	8.2	92
	39-11	6.6			12.3						15.3	65.8	8.3	92
	12-14	6.1			11.9						15.4	66.6	8.4	921
	15-17	5.3			14.1						18.4	62.2	8.3	92
	18-20	11.5			10.1						15.4	59.1	7.7	92
	21-23	11.9			14.1						12.4	61.6	7.7	98
			,											
TO	TALS	9.4			13.0						14.4	63.2	8.0	737

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SKY COVER

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	CY OF TENTI	IS OF TOTAL	L SKY COVER	!			MEAT. TENTHS OF	TOTAL NO. OF
MONIH	(L.S.T.)	0	1	2	3	4	5	5	7	8	9	10	SKY COVER	OBS.
FEB	30-02	14.5			20.1						13.7	51.8	7.0	542
	03-05	12.5			17.2						12.7	57.6	7.4	832
	36-08	8.1			13.4						15.0	63.5	8.1	838
	09-11	6.4			11.3						20.6	61.7	8.4	840
	12-14	5.4			13.3						23.1	58.2	8.3	845
	15-17	5.3			16.9						25.2	52.6	8.0	846
	18-20	10.2			22.0						21.7	46.1	7.2	840
	21-23	16.4			21.0						16.1	46.5	6.7	83
	<u> </u>									<u> </u>	<u> </u>			
	<u> </u>			<u> </u>						<u> </u>	<u> </u>			
τo	TALS	9,0			16.9						18.5	54.8	7.6	6726

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FORM 0-9-5 (OL-A)

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MON:n	(E.S.T.)	0	1	2	3	4	5	6	7	ģ	Ģ	10	SKY COVER	OBS.
MAR	00-02	26.2			21.3						18.4	34.2	5.7	925
	03-05	20.3			22.7						17.8	40.0	6.2	927
	36-08	4.6			26.3						24.2	44.9	7.5	927
	29-11	4.5			21.6						27.1	46.8	7.8	927
	12-14	2.2			23.0						30.7	44.1	7.9	929
	15-17	1.4			21.5						32.6	44.5	8.0	930
	18-20	7.4			26.3			1			29.1	37-1	7.1.	930
	21-23	19.1			25.1						20.2	35.6	6.1	930
									<u> </u>	<u> </u>	 			
											 			
	 			 	 				 		 		ļ	
TO	TALS	10.7		 	23. 5					 	24.9	40.9	7.0	7425

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SKY COVER

24114 FAIRCHILD AFB WA

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	STOT TO SP	L SKY COVER	!			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
APR	3 0-02	24.7			26.1						14.7	34.5	5.6	899
	33-05	18.9			28.3						16.9	35.9	6.0	889
	36-08	10.6			23.1			 		<u> </u>	25.3	41.D	7.1	888
	09-11	7.0			23.6						28.3	41.1	7.4	900
	12-14	3.1			18.7						32.8	45.4	8.1	900
	15-17	4.G			18.2		 	†	 -		35.4	42.3	8.0	900
	18-20	8.7			24.8			1			27.1	39.4	7.1	900
	21-23	20.5			28.3						18.2	32.9	5.8	900
	-													
										 -	 			
	 		 -	 			<u> </u>		 		 	<u> </u>		
TO	TALS	12.2			23.9		 	 	 -		24.8	39.1	6.9	7176

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24114 FAIRCHILD AFB WA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER	:			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COYER	OBS.
MAY	30-02	27.7			30.6						16.4	25.4	4.9	929
	93-05	13.6			36.2						19.8	30.4	5.9	928
	26-08	10.4			32.8						24.5	32.2	5.4	929
	09-11	7.7		1	29.4						31.8	31.1	6.9	927
	12-14	3.5		1	23.9						38.7	33.9	7.6	930
	15-17	3.7			26.3						35.2	34.8	7.4	928
	18-20	5.7			34.8		<u> </u>				26.2	33.2	6.7	927
	21-23	18.3			36.5						19.1	26.1	5.4	926
	<u> </u>			ļ					<u> </u>				ļ	
	 			 				-			-	 		
	 			 	 			 			+		-	
TO)TALS	11.3		 	31.3		 	 	 	†==	26.5	30.9	5.4	7424

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FORM 0-9-5 (OL A)

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-02 -05 -08 -11 -14 -17	0 29.8 13.7 14.3 19.0 7.2	1	2	3 31.7 39.0 30.0 31.0	4	5	6	7	8	9 18.9 23.7 26.1	10 19.7 23.6 29.6	15.7 5.7	900 898
-05 -08 -11 -14	13.7 14.3 19.0 7.2			39.0 30.0 31.0						23.7	23.6	5.7	896
-08 -11 -14	14.3 10.0 7.2			30.0 31.0							 	ļi	
-11	10.0			31.0						26.1	29.6	6.2	896
-14	7.2			╂╼╼╌┨			1						
				1		l				30.9	28.1	6.5	900
-17	7.0		1	30.4						31.7	30.7	5.8	900
ì	7.5			31.3						32.7	29.5	6.8	900
-20	10.6			32.4						31.1	25.9	6.4	891
-23	20.2			39.4						22.1	23.2	5.3	899
			<u> </u>	72.5			 			127.0	36.3	4.6	7192
	-23	14-1											

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	y of ten	S OF TOTAL	L SKY CC ÆR				MEAN TENTHS OF	TOTAL NO. OF
MUNIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SEA COAES	Olts.
JUL	20-05	46.4			27.4						9.7	16.5	3.3	929
	33-05	34.5			30.7					<u> </u>	19.6	15.2	4.2	926
	06-08	33.8			29.9						22.9	13.5	4.3	927
	09-11	31.0			34.2						19.6	15.2	4.3	929
	12-14	20.9			39.7						24.4	15.1	4.9	930
	25-17	21.0			41.2						23.2	14.6	4.8	930
	18-20	25.5		<u> </u>	37.8					 	21.7	15.0	4.6	929
	21-23	36.5			31.7						15.6	15.2	4.3	930
	<u> </u>			ļ				ļ		<u> </u>	-			
	<u> </u>							<u> </u>	<u> </u>	<u> </u>	-	<u> </u>		
	 -			 	-			İ				 		
10	TALS	31.2		 	34.1				 	 	19.7	15.0	4,3	7432

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER	:			MEAN TENTHS OF	TOTAL NG. OF
MUNIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	O85.
AUG	00-02	53.4			23.4						10.5	12.6	2.9	`3(
	03-05	41.3			31.9					<u> </u>	13.9	12.9	3.5	933
	06-Q8	32.8			36.1						19.4	11.7	4.0	93(
. , -	39-11	31.7			35.9						19.6	12.8	4.1	93
	12.14	27.5			35.9			 			25.7	10.9	4.5	931
	15-17	24.1			41.3			1			23.9	10.7	4.5	92
	18-20	30.6		 	39.8						19.4	10.2	4.0	93
	21-23	43.8			32.9						12.5	10.9	3.2	93
				 -										
	<u> </u>									<u> </u>				
	<u> </u>													
TO	TALS	35.		!	34.7			-			18.1	11.6	3.8	743

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIH	(£ S.T)	0	1	2	3	4	5	6	7	8	9	10	S'Y COVER	OBS
SEP	00-02	46.4			23.4						13 7	16.4	3.6	900
	03-05	40.6			22.7						16.2	20.5	4.2	891
	06-08	21.9			33.7						20.6	23.8	5.2	899
	09-11	23.3			32.3						21.6	22.8	5.2	900
	12-14	20.4			29.4						27.2	22.9	5.6	90
	15-17	21.4			29.8						29.4	19.3	5.5	901
	18-20	29.3		İ	28.0					<u> </u>	26.0	16.7	4.8	90
	21-23	40.3			27.9						16.9	14.9	3.8	93
	-													
τo	TALS	30.5		 	28.4		†==	 	†==	 	21.5	19.7	4.7	719

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	_			PERCENTAG	FREQUENC	Y OF TENTH	IS OF TOTAL	L SKY COVER	·			MEAN TENTHS OF	TOTAL NO. OF
MUNIN	(L.\$.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
OCT	00-02	40.9			20.4		_				14.2	24.5	4.3	913
	03-05	34.7			23.6						15.3	26.4	4.7	920
	06-08	15.7			27.6						23.7	33.0	6.3	921
	39-11	16.3			25.7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					23.2	34.7	6.3	930
	12-14	14.3			27.3						25.7	32.6	6.4	929
	15-17	15.6			25.1						26.2	33.2	6.4	929
	18-20	23.2			25.5						22.2	29.0	5.7	931
	21-23	34.3			21.4						17.6	26.7	4.9	92
	-				 				-		-			
	<u> </u>			ļ										
	 		-	-	 				<u> </u>	 	1		 	
TC	TALS	24.4	=		24.6			 	 		21.0	30.0	5.6	740

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FORM 0-9-5 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO OF OBS.	
NOV	00-02	16.8			16.2						13.4	53.6	7.1	87	
	03-05	15.2			13.9			1			13.1	57.9	7.4	87	
	06-08	5.1			16.1						18.7	60-1	8.2	88	
	09-11	5.0			14.8						19.9	60.3	8.3	89	
	12-14	4.1			13.1						22.0	60.7	8.4	89	
	15-17	4.8	· 		16.3						22.6	57.1	8.2	89	
	18-20	10.1			20.3						14.6	55.0	7.4	89	
	21-23	15.7			19.1						12.4	52.9	7.0	88	
	ļ				-							ļ			
	 			<u> </u>				 			 				
				<u> </u>	 				<u> </u>						
τo	TALS	9.5		 	16.2			 	T	 	17.1	57.2	7.8	709	

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SKY COVER

24114 FAIRCHILD AFB WA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOUR! (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL NO. OF
MUNIH		0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	OBS.
DEC	CD-05	10+0			14.1						13.3	62.6	7.9	90
	03-05	11.4			11.5						11.8	65.4	7.9	91
	06-08	6.9			13.3						14.0	65.8	8.2	91
	09-11	4+0			15.4						16.1	64.5	8.4	92
	12-14	4.1			15.5						19.1	61.3	8.3	92
	15-17	3.6			19.1						17.9	59.5	8.1	92
	18-25	11.7			17.1						13.7	57.5	7.5	92
	21-23	13.3			15.3						14.2	57.2	7.5	91
	-			 	-						<u> </u>			
то	TALS	8.1			15.2						15.0	61.7	8.0	734

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
MONIA	(L.S.T.)	0	1	2	3	4	5_	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.	
JAN	ALL	9.4			13.0						14.4	63.2	8.0	737	
FEB		9.9			16.9						18.5	54.8	7.6	672	
MAR		10.7			23.5					ļ	24.9	40.9	7.0	742	
APR		12.2			23.9						24.8	39.1	6.9	717	
MAY		11.3		<u> </u>	31.3						26.5	30.9	6.4	742	
אטע		14-1			32.5						27.2	26.2	6.0	719	
JUL		31.2			34.1						19.7	15.0	4.3	743	
AUG		35.7			34.7						18.1	11.6	3.8	743	
SEP		30.5			28.4						21.5	19.7	4.7	719	
OCT		24.4			24.6			 			21.0	39.0	5.6	740	
NOV		9.5			16.2						17.1	57.2	7.8	709	
DEC		8.1			15.2						15.8	61.7	8.0	734	
101	TALS	17.3		†===	24.5			 		 	20.7	37.5	6.3	8722	

FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE **MYTHOMETYPAL TRCHICAL** APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentations follows:

- Oursulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

 - Daily maximum temperatures
 Daily minimum temperatures
 - s. Daily mean temperatures

NOTE: Beginning in Jamery 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from sutomated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and mouth of record available. An ennual (ALL MONTHS) value is selected when all months for a year have valid extremes. Hears and standard deviations are computed for mostly and annual when four or more values are present for any column. Two tables of daily extremes are prepared;
 - NOTE: Direct conversion of temperatures from Celsius to Fahrenheit values
 - Extreme maximum temperature results in the exclusion of certain values. The conversion method used Extreme minimum temperature at OL A to present these data may result in differences not exceeding + 1°F from directly converted values but excludes no Fahrenheit values.

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.
 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

HOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, vet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (∇X) . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, vet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Hean number of hours is shown to tenths and indicates mean number of hours per year in the samual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to mater, unless otherwise indicated.
- 4. Means and standard devictions These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and semial and again at the bottom for all hours equipmed. Records for all years equipmed are presented in the following three tables; DNI-NUS THOURATURE, MET-NUS THOURATURE.
- 5. Cumulative percentage frequency of occurrence of relative hunidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative hunidity by increments of 10% classes, plus the mean relative hunidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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WIRTHER SERVICE/MAC FAIFCHILD AFE WA 13-13 STATION STATION NAME MAXIMUM CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) TEMP (°F) JUL JAN. FEB MAR MAY oct NOV. JUN. AUG DEC ANNUAL • 6 4.6 . 9 2.9 22.2 15.4 1.9 3.5 1.5 13.6 34.3 41.8 6.8 8 . . 51.7 54.7 21.3 6... 21.1 14.2 4'.8 59.6 1.4 78.2 7.4 14.4 35.3 3.4 23.7 4.4 9.. 30.5 93.5 84.9 55.1 28.0 11.2 47.8 94.2 79.7: 98.1 13.4 35.4 71.0 4.3 25.7 99.0 65.6 92.21 99.4 42.5 35.7 86.0 98.1 120.5 1.3 11.1 44.4 83.5 99.9 95.1 58.1 3.4 49.3 5.9 24.7 72.3 95.8 99.6 99.4 81.3 58.2 15.3 17.0 51.2 93.7 99.5 100.0 100.0 100.0 75.5 93.1 35.0 67.1 37.4 72.6 93.8 130.0 99.4 1 15.3 Ŀ 98.0 50.9 24.4 75.4 99.7 30 79.5 85.3 48.9 ₹2, 96.5 63.1 88.4 103.0 93.0 74.4 92.7 94.9 98.1 25 75.9 99.2 97.1 88.7 96.3 99.8 98.0 99.0 34.9 94.3 99.1 99.9 71.5 99.4 97.4 98.9 96.3 99.5 130.3 98.4 99.8 99.5 99.8 98.7 99.8 79.2 99.6 1.7.0 99.5 99.9 99.8 100.3 100.0 100.0
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DAILY TEMPERATURES

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USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FATHER SERVICE/MAC 4 FAIRCHILD AFB WA

STATION NAME

49-79

MINIMUM

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM DAILY OBSERVATIONS) MAR. APR. JUL. AUG ANNUAL • 1 ٠ũ 1.0 11.3 7.6 1.7 1.2 8.4 27.3 34.4 3.7 6.3 4.4 25.7 54.1 58.9 14.9 14.2 1.2 18.6 54.4 87.7 86.3 43.4 24.7 4.9 62.4 43.0 98.3 97.7 73.6 16.2 1 . g 35.0 4.2 22.8 71.4 99.8 97.1 99.8 90.7 40.5 45.1 91.8 7.8 19.9 57.2 100.0 100.0 98.4 73.0 25.7 10.1 58.0 17.8 32.2 97.5 70.7 99.1 82.5 39.3 17.8 54.4 25.3 88.3 99.5 4 .. 5 57.4 99.5 92.8 58.8 32.5 74.7 99.2 178.0 46. 59.5 84.5 100.0 99.0 8G.6 59.C 85.5 24.5 85.4 93.8 99.8 92.7 91.6 77.1 74.7 92.7 97.1 97.4 100.3 88.1 95.8 52.5 99. 96.3 98.7 94.5 97.5 89.9 98.3 99.6 99.3 95.7 98.5 94.2 98.3 99.9 99.7 98.1 98.9 105.0 99.2 77.4 99.8 99.0 99.6 98.5 99.8 99.5 100.0 99.8 -15 99.5 99.9 99.6 99.9 99.9 100.0 130.0 139.0 140.3 100.0 1.651 7.979 6.372 5.320 6.378 5.157 6.093 5.834 6.32: 5.991 7.325 9.091 13.920 MEAN SD 930 TOTAL OBS. 93 547 930 930 900 930 930 930 900 USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETI

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DAILY TEMPERATURES

MEAN

ATT SEPTICE/MAC FAIRCHILD AFE .A STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (*F) JAN FEB MAR MAY JUN. AUG oct JUL. - 4 4.9 6.5 3.9 26.7 4.5 2.3 14.8 52. 43.9 9.2 13.3 8 • 4 28.8 67.4 32.8 73.4 17.8 2.1 24.3 57.6 91.4 37.5 50.6 5.5 25.7 45.5 83.3 97.4 73.2 7.7 99.3 16.1 35.4 3.5 22.6 97.0 99.9 43.3 69.6 99.9 91.1 38.5 13.2 3.2 50.8 91.5 99.9 100.0 98.6 53.3 67.6 13.7 37.2 99.5 83.6 99.8 95.8 30.9 8.3 54.3 100.0 71.1 98.3 170.3 27.2 41.6 155.0 97.6 51.1 75.6 88.4 100.0 72.3 99.7 56.8 86.8 41.7 81.9 88.2 95.5 04.2 78.3 93.3 Ing. v 93.7 76.7 94.5 98.7 95.3 97.3 89.6 97.6 99.6 98.5 99.9 94.6 97.9 1: 84.5 98.8 98.8 99.4 97.5 99.1 1 6.3 95.5 99.7 98.7 99.4 99.5 98.1 100.0 99.2 99.7 58.6 99.9 99.4 99.8 09.7 1 7.3 99.8 103.0 100.9 100.0 75.0 32.4 37.5 95.4 54.0 61.5 59.5 62.1 59.7 47.8 35.6 29.4 47.3 651 7.518 6.825 6.233 7.319 7.119 6.953 7.120 7.456 6.803 7.335 6.435 16.462 MEAN 93 | 647 | 93 | 970 | 931 | 9 0 932 938 900 930 TOTAL OBS.

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USAF ETAC FORM 0-21-5 (OL 1) MEYIOUS EDITIONS OF THIS FORM ARE DISOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB HA
STATION NAME

49-79

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OCT.	NOV.	DEC	ALL MONTHS
49						90	98	91.	91	64	57	46	
53	41	46	49	67	79	89	95	91.	94	67	59	<u> </u>	95
51	43	51	56	71	83	85	96	93	84	73	50	47	96
52	39	45	62	81	81	86	96	94	90	79	56	39	96
53	50	51	65	68	83	80,	95	98:	90	75	59	46	98
54	48	53	58	70	85	81	91	89,	85.	65	55	46 :	91
55	39	45	49	64	74	96	95	90	92	67	54.	46	96
5 6 ۽	46	41:	57	77;	86	81;	95	95	83	73_	48.	49.	95
57 [35	52	54	81	85	87	90,	88	86	65	52	53.	90
58 ;	46	60	59	68	91	93	92	95	91	79	56	50	95
59	49	46	54.	68	79	87	100	93	87	66	58	51,	100
_60 <u> </u>	45	45	<u>:0</u>	70	108	85	100	94	84:	76	52:	46 7	100
61	48	50	58	66	84.	93	93	104	77	76	47:	44 5	184
62	4.6	5 5	59:	75	71	90	96	91	84	76	52	47	96
63	45	54	61	71	82	88	86	92	89	80	54;	39 ;	92
64	41	41	68	60	81	83	98	8.8	84	75	53	47	98
65	41	48	60	69	78	86	94	95	78	77	68	48	95
66	49	49	68	70	90	84	91	98	92	76	57	50 }	98
67	51	54	53	59	79	89	103	101	91	72	52	44 9	103
68	4 8	62	63	78'	80	91	102	93	85	68	48	53	102
59	37	40	64	76	84	92	91	99	89	70	58	48	99
70	44	51	55	61	84	95	99	99	83	81	60	46	99
71	59	5.3	54	69	81	89	97	101	83	80	51	42	101
72	45	56	67	71	85	87	92	101	83	72	54	48	101
73	47	52	56	67	87	97	94	92	90	68	56	47	97
74	46	43	58	67	74	89	95	93	83	72	50	47	95
75	39	42	48	61	76	78	101	88	85	82	67	51	101
76	45	46	57	68	78	91	94	87	90	81	56	50	94
77	45	56	59	88	78	89	96	100	80	65	53	49	100
78	42	44	54	68	74	89	96	95	84	73	55	39	96
MEAN								-					
S. D.												j	
TOTAL ORS.													

NOTES + (BASED ON LESS THAN FULL HONTHS)

USAF ETAC NOM 048-5 (CLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS:

24114 FAIRCHILD AFB MA
STATION NAME

YEAPS

WHOLE DEGREES FAHRENHEIT

MONTH EAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oct	NOV	DEC	ALL MONTHS
79	32	77	62	71	80								
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Sales in the sales	 			1		1						AN ALEXANDER OF THE PARTY OF TH	
						<u>†</u>							
												- Bread	
MEAN	44.4	49.3	58.9	70.0	81.1	88.0	95.4	94.3	86.2	73.1	54.9	46.9	97
S. D.	5.335				4.697	4.694					4.823	3.652	3.4
TOTAL OBS.	930	847	930	900	930	900	930		900	930	900	930	109

USAF ETAC AT AL GES (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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LEFFAT SERVICE/MAG

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS:

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FAIRCHILD AFE WA

WHOLE DESREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR,	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL SHTMOM
49						e į.	45	45	36	23	25	4,	
ξ	-23	-18	7	26	3.3	41,	46	35	32	5.8	23	۶,	
	-5.		12	? <u>?</u>	35	41,	45	45	36	25	20	-8	
53	-9	11	19	_ 38	33	39	48	46	42	33	13	13	
±3	24	?2	25	2.	33	4.0	47	45	39	32	24	33.	7
54	-5	7	15	2.7	23	35	45	\$ 2	37	27	24	::	
55 · · · ·	11	13	- 3	25	3 🖫	41	4 7	46	33	26	-5		-
F 5	3-	-5	9	27,	32	33	49	24	38	33	15	7.	-
57	-16	1.	13	35	43	4 (40	45	37	24	18	15	- 1
5.8	2.7	27	23	3.2	35,	4.5	47	48	3 🤞	29	12	21,	1
59	-4	15	55	29	28	38	44	42	37	28	3	- 177	
5	-: ,	7	3	25	31.	37	46	42	39	26	22	3.0	-
-61	11	22	2	26	33	39.	4 6	51	33	24	13	-3	
£ 2	-3	6	15	29	29	36.	38	41	38	3 3 °	2.3	14,	-
73	<u>-å</u>	11	23	27	32	43	45	46	4 1	25	18	3	
と号	è	14	13	23	32	39,	42	43	37	27,	15.	-17:	- 1
55	15	15	11	29.	27:	43	46	37	25	26	22	13:	
66	4	26	18	24	29	41	4 5	41.	44	29	19	14}	
57	21	55	20	29	33	47;	45	5.3	36	33	16	6:	
65 ;	#	21:	25;	22	31,	38,	45	45	37	33	19	-18	- 3
59	-1	3	12	32:	35.	45	4 7:	43	39	24.	19	151	
70 ;	٤,	27:	15	zai	37	42	48	51	32	28	5 !	2 1	
71	13	15	6	28	34	4 G	38	43	35	18	22	2,	
72	-6	-7	23	22	31	42	# 4	4 8	25,	23	24	-1	-
73	4	17	28	26	35	37	4.2	44	39	33	18	125	
74	-5	25	22	29	31	4.3	45	4 9	35:	25	2 ₹	8	-
75	1	11	20	25,	33	42	52	50	* 4	27		151	
76	16	13	12	28	34	37	47	42	37	27	16	15	1
77 - 3		19	23;	24	33	38	45	46	36	28	7	5	
78	1	21	18	29	32	42	45	44	34	25	12	-17	-1
MEAN				i	i	i	-,					İ	
S. D.	 !					 -				 i		-	
TOTAL OBS.	———i			i		i	i						
		NOTES	₹ (BAS	ED ON	LESS	THAN FL	II HOL	THST	<u></u> -				

USAF ETAC FOOL 0-88-5 (OU)

(AT LEAST, ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES HINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA
STATION NAME

·79

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR.	MAY	אטנ	JUL.	≯UG	SEP	ост	NOV	DEC	ALL MONTHS
79	-10	-9	23	24	35		1	i •	1			4	
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			ļ	İ	ļ	ļ							
MEAN S. D.	1.6	11.6	16.6 7.252	26.8	32.6 3.104	48.1	45.5	44.7	36.5	27.2	16.4	6.4	-3.2 10.050
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957
TOTAL OBS.	,,,,,,				LESS				,,,,,	7.00	700	7301	20731

USAF ETAC PORM D-86-5 (OTA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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19 20

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> 16 12

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11

FAIRCHILD AFB #A 20114 70-79 STATION NAME 0000-0200 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Paint 45/ 47 46/ 45 44/ 43 10 1.1 10 • 6 42/ 41 . 3 4 / 39 .3 2.9 36 25 14 36 34 19 367 35 1. 3.7 1.7 49 49 45 23 76 33 31 2.5 5.7 • 1 77 82 56 3 / 22 73 2.2 3.8 82 62 .6 62 65 251 27 2.4 83 1.3 7.3 26/ 25 • 8¹ 27 87 24/ .6 5.9 23 65 88 721 21 19 4.5 49 70 66 13/ 17 2.9 34 54 43 16/ 15 2.4 26 26 32 41 33 26 14/ 13 2.5 31 2.5 31 30 127 11 31 43 36 31 33 27 25 8/ 7 11 11 20 18

10 E C C

3

1.3

1.2

4/

2/ - 3

-4/ -5

-6/ -7 -5/ -9

-3-/-11 -12/-13 -14/-15

-18/-19 ΣX; Mean No. of Hours with Temperature Element (X) Rei. Hum. 267 F | 273 F | 280 F | 293 F Tetal Dry Bulb Wet Bulb

GLUBAL CLIMATOLOGY BRANCH CAPETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 2-114 FAIRCHILD AFB WA 77-79 STATION NAME 8000-0200 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point TOTAL 2 . 68.311.1 .6 93: 930 ₹ ತ 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 75463 81.112.560 ± 32 F 267 F = 73 F = 80 F = 93 F 5269843 930 4 0 F Tetal

Dry Bulb

Wet Bulb

Dew Point

671069

511914

505026

23055

21856

18278

24.810.351

23.510.285 19.712.527

930

930

930

1.2

1.9

69.8

74.9

80.3

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIS LEATHER SERVICE/MAC

FAIRCHILD AFB WA

PSYCHROMETRIC SUMMARY

JAN

2-114 0300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 31 c2/ 5 . 3 . 1 #8/ 47 "4/ 43 3 22/ 41 4 35 1.2 6 3=/ 37 38 62 35 1.4 4.1 50 22 62 1.9 4 . 8 73 34/ 33 79 62 31 4.5 74 74 79 1.4 3 / 29 4.5 51 61 87 70 28/ 27 5.2 80 80 54 81 26/ 25 81 70 5.5 31 55 ·3 4·2 23 4.2 45 45 72 46 22/ 21 56 56 59 52 19 51 4 . 4 58 58 65 19/ 17 3.2 36 36 47 35 15 2.4 28 28 40 14/ 13 2.8 38 29 33 17/ 11 36 1.9 29 46 2.6 33 5/ 7 1.9 30 34 31 26 17 1.7 18 3/ 13 11 13 • 6 11 15 1.6 15 -1 13 20 20 -4/ 18 -6/ -7 -21 17 11 -12/-13 9 Element (X) Mean No. of Hours with Temperature 4 0 F ± 32 F Dry Bulb Dew Point

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SLOSAL CLIMATOLOGY BRANCH USAFETAC ALE WEATHER SERVICE/MAC 2-114 FAIRCHILD AFB WA

PSYCHROMETRIC SUMMARY

STATION				5	TATION NA	ME						_		YE	AR5					MC	NTH
																		PAG	E 2	9308 HOURS)-050 L. s. T.)
Temp.							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7-8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
- 0/-19							Ţ												1		}
/-21		1		;			l		<u> </u>		l	_		l l				<u> </u>			L
CTAL	21.9	68.2	8.7	, 1.2	- 1					1	i	\Box		Ţij					930		93
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73-79

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PSYCHROMETRIC SUMMARY

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SLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	·	7	1120 7	STATION	NAME					17			YE	ARS					M	MTH
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Temp.		-				T BULB											TOTAL		TOTAL	
(F) (0	1 - 2	3 - 4 2	5 - 6 7 - 1	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
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Rel. Hum.			36914	7	942	81.	12.0	183	9	30	101		± 32 F	2 67		73 F	= 80 F	± 93	Fi	Yetel
Dry Bulb		63	88360	2	2142	23.8	10.5	40		30	2	•5	72.3		$\neg \vdash$		1	1		93
Wet Bulb		58	32899	2.	1017	22.6	10.7	779	5	30	3	• 7	76.2				1	 		93 93
Pew Peint			34388		7548	18.5	12.8	45		30	10		83.8				T		\neg	\$3

ELEBAL CLIMATOLOGY BRANCH JEAFETAC PSYCHROMETRIC SUMMARY AIR MEATHER SERVICE/MAC FAIPCHILD AFB LA 24114 70-79 STATION NAME 7908-1150 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-26 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Pain --/ 53 5 / 49 40/ 47 44/ 43 15 32/ 41 • 8 8 × / 35 35/ 37 .6 2. 11.5 4 C 31 16 76/ 35: 66 83 33 2.2 4.1 1.7 78 38 • 2 12/ 31 1.4 5.8 79 3.2 4.2 76 2.6 3.5 20/ 27 87 69 76/ 25 1.2 6.3 • 8 76 62 51 24/ 23: 37 ·5 3.5 42 72/ 21 1.6 4.7 64 35 <u>7</u>5 54 2 / 19 -8 2-9 • 1 35 5 C .5 2.9 36 52 16/ 15 43 35 -6 3.4 4/ 13 .4 2.3 28 28 40 . 6 1. A 12/ 11 3 d 46 26 2.4 32 32 23 36 7 C -3 1.5 17 27 5/ 5 .1 1.2 12 12 16 21 1.1 17 € 12 1.2 14 14 18 ../ -1 13 ₹ -2/ -3 12 8 -6/ -7 28 -8/ -9 14 -1 /-11 10 -12/-13 Mean No. of Hours with Temperature 267 F = 73 F = 80 F = 93 F ± 0 F ⊴ 32 F Dry Bulb

Wet Bulb Dew Point SLORAL CLIMATOLOGY BRANCH JACETAC ATE AEATHER SERVICE/MAC

0.26.5 (OL A)

PSYCHROMETRIC SUMMARY

2-314 FAIRCHILD AF3 WA 7_-79 JAN

STATION STATION NAME YEARS MONTH

PASE 2 3900-1169

WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.8./M.B. Dry Bulb | Wet Bulb | Dew Point -1./-15 4/-17 -19/-19! 2..454.313.7 1.4 930 930 Mean No. of Hours with Temperature Element (X) No. Obs. 80.612.708 25.210.527 23.910.335 6199768 75004 930 ⊴ 32 F 23468 Dry Bulb 1.2 67.8 695152 930 628361 Wet Bulb 22183 930 2.1 . 73.4 Dew Paint

SLOBAL CLIMATOLOSY BRANCH CATETAC AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA Temp. (F) = / 59 56/ 57 ·1 55/ 55 54/ 53 <u>. 1</u>; 52/ 5 / 49 35/ 47' a 3/ 45 1.1 1.1 € 14/ 43 .2 1.1 1.3 .5 -2/ 41

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0.26.5

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PSYCHROMETRIC SUMMARY

1200-1400 HOURS (L. S. T.) PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 D.B./W.B. Dry Bulb Wet Bulb Dew Point 13 3 15 19 15 8 4 / 35 ·6 3·2 1·6 57 37 17 .2 2.4 1.9 1. 3.9 2.4 35/ 37; 46 35 32 387 35 72 57 36 34/ 33; 2.2 4.2 2.5 90 44 72/ 31 1.9 3.3 2.2 81 75 3 / 29 85 1.5 5.9 1.3 37 69 271 22/ ·4 5.2 1.5 72 ខដ 66 26/ 25 1.1 3.9 1.4 59 79 ~4/ 23 .3 4.1 49 49 37 58 55 • 4 62 12/ 2: .1 3.4 ٠ż • Z 46 121 1. | 4.1 • 2 55 55 44 48 18/ 17 1.2 2.4 • 8 41 41 48 43 16/ 15 . 8 1.4 . 8 27 27 39 56 14/ 13 1.1 . 5 16 22 50 12/ 11 1.5 • 1 24 24 24 34 .3 1.9 9 . i 26 26 21 18 29 -3 1.6 2/ 7 17 17 23 61 5 17 14 3 2/ 1.2 11 11 20 2/ 20 _•2 ./ -1 7 10 -4/ -5 15 -6/ -7 20 Element (X) ZX, Mean No. of Hours with Tumps ±67 F = 73 F = 80 F = 93 F Rei. Hum. 20F ± 3¿ F Dry Bulb Wet Bulb

72-79

USAFETAC NOW 0.26-5 (OLA) ITINSO MINOUS IDENOIS OF THIS POLIM ALL OLD OLI 111

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PSYCHROMETRIC SUMMARY

																		PAS	E 2	1200 mouns to	-1430 .s. t.)
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Element (X)		ZZ,			Ex		X	7,	T	No. 01					Moun I	le. of H	•===i	& Tomperet	~~		
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Dry Bulb			8893		258		27.8	9.9	33		33		.3	60.0		J					9
Wet Bulb		79	9881		243		25.9	9.6	52		30		• 5	68.0							9.
Dew Point		55	5239		198	35	21.3	11.9	28		30	6	.3	78.4				T	7		9.

BLOBAL CLEMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** STATION STATION STATION BAME PAGE 1

Temp.						WET	SULB	TEMPE	RATUR	E DEPRI	ESSION (F)						TOTAL		TOTAL	
(F)		1.2	3.4	5-6	7 - 8								23 . 2	4 25 . 2	M 27 - 2	g 29 .	10: + 31		Dry Bulb 1		
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GLOBAL CLIMATOLOGY BRANCH USAFETAC ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME 7:-79

PAGE 2 1500-1700
HOURS (L.S. T.)

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(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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Element (X)		ΣX2			žχ		X			No. O								th Tempera			
Rel. Hum.		57	8521	4		155		14.			30	_ ≤ 0	F	≤ 32 F	≥ 6	7 F	= 73 F	≥ 80 F	* 93	F	Total
Dry Bulb			1399		26		28.	9.	583		30			59.4		_					9
Wet Bulb			1671			287	26.	9.4	121		30		•3	66.9							9
Dew Point		5	6234		20	344	21.6	11.	345	5	30_	6	. 8	76.6	k .			1			9

SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR *EATHER SERVICE/MAC FAIRCHILD AFB WA 34114 70-79 STATION HAME 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.S. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 **2** 31 55/ 55 54/ 53 . 1 521 51 5 / 49 48/ 47 06/ 45 43 19 42/ 4: 20 4 / 2.7 37 39 37 11 38/ 37 58 48 28 .9 5.2 1.5 1.7 3.5 1.2 70 38 35 70 56 34/ 33 61 60 32/ 34 2.9 4.0 1.3 79 79 76 72 77 77 60 3 / 29 1.4 4.6 28/ 27 .6 5.9 .8 5.7 96 78 96 8: 2.6 25/ 25 69 56 45 24/ 23 53 45 4.4 39 62 19 48 62 49 26 2.0 26 35 38 16/ 15 30 32 13 32 19 26 36 .6 2.5 .3 1.4 27 1:7 11 32 9 19 32 1.7 21 17 26 1.6 18 18 4/ 3 24 • 9 14 ĝ 15 -4/ -5 5 -6/ -7 7 -8/ -9 20 Mean No. of Hours with Temperature Element (X) ± 32 F 267 F 273 F 280 F 293 F Rel. Hum. ± 0 F Dry Bulb Wet Bulb

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PSYCHROMETRIC SUMMARY

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#114 FAIRCHILD AFB WA 24114 STATION NAME 1800-2000 HOURS (L. S. T.) PAGE 2 WET BUL'S TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point -1 /-13 17.663.717.1 1.5 930 930 930 õ Element (X) Σy2 ¥ No. Obs. Mean No. of Hours with Temperature OSAFETAC 79.713.321 26.3 9.809 74114 930 ± 32 F 6 71170 Dry Bulb 24463 930 732873 66. 23062 24.8 9.742 19197 20.612.111 Wet Bulb 660052 930 70.8

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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36/ 35	1.1					 				!							 	72	72	55	
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24114 STATION

FAIRCHILD AFB #A

STATION NAME

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PSYCHROMETRIC SUMMARY

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 . 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) - 0/-17 10.668.011.4 1.1 930 934 931 X No. Obs. Mean No. of Hours with Temperature 6187411 80.612.754 25.510.155 74925 93C ±0 F ≤ 32 F 930 699868 Dry Bulb 237112 68.2 Wet Bulb 635829 22443 24.110.071 930 73.0 93 1.2 Dew Point 518761 18739 930

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SLOBAL CLIMATOLOGY BRANCH DEAFETAC AIR WEATHER SERVICE/MAC 24:14 FAIRCHILD AFB WA

PSYCHROMETRIC SUMMARY

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GLCBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/HAC

FAIRCHILD AFB WA

PSYCHROMETRIC SUMMARY

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Rel. Hum.			4964		5955	14		13.1			4 B	± 0 f	7	1 32 F	≥ 67		73 F	> 80 F		F	Total
Dry Bulb		571	2079		1912	70	25.7	10.3	157		40			534.4		+	. , , ,		+	` 	74
Wer Bulb			G483		1803		24.3	10.1	an-		140			578.3				 			74
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR KEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

T4114 FAIRCHILD AFB NA T3-79 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200 Hours (L. S. T.)

Temp.								TEMPER.										'	TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 1	28 29	9 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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Dew Point																						

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SLOBAL CLIMATOLOGY BRANCH USAFETAS ATP REATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

TOTAL

FAIRCHILD AFB #4 STATION NAME STATION FEB

WET BULB TEMPERATURE DEPRESSION (F)

0000-0205 HOURS (L. S. T.) PAGE 2

(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
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Element (X)		ΣX,			ZX		Ī	* 2		No. Ol	5.				Mean I	No. of H	ours wit	Tempera	Ture .		
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Dry Bulb		8	21266		256	58	30.3	7.	41		46			49.7		$\neg \vdash$		1	1	\neg	8
Wet Bulb		7	33225		241	75	28.6	7.	184		46	1		61.1		_			\top	\neg	8
Dew Point			94477		210	72	24.9	-	-		46		. 4	71.3							8

SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** JRAFETAC AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA 2-114 FEB YEARS STATION MALE €. 0300-0500 (PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL € 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.S./W.B. Dry Bulb Wet Bulb Dew Paint (F) 1 47 46/ 45 €. 24/ 43 42/ 4. .2 1.8 1.5 •4 33 33 1.1 3=/ 37 1.4 2.7 .2 3.3 20 3.5 5.3 1.3 2.8 8.4 3.4 35 91 91 46 61 34/ 33 120 92 57 120 2/ 31, 1.811.7 3.4 143 143 117 69 113 1 29 1.413.3 1.2 113 145 87 ~=/ 27 2.6 6.4 85 85 123 116 111 78 75 43 ~=/ 23 . 7 3.4 • 6 64 . 4 43 72/ 21 2.8 29 29 68 25 19 7 1.2 18 18 52 18/ 17 26 12/ 15 14 25 14/ 13 17 127 11 12 ۶ • 5 12 DIONS OF 2/ 7 • 3 10 4 1 -: 7 c/ -3 -4/ -5 • 1 4 -8/ -9 4 ತ -1 /-11 5 -14/-15 1 -16/-17 TOTAL 17.364.814.8 2.8 846 846 846 Element (X) ZX2 Mean No. of Hours with Temperatu 61.912.183 29.5 7.CDD 28. 6.958 5805673 69321 945 267 F | 273 F | 280 F Rel. Hum. 10F # 32 F ≥ 93 F 55.1 778933 24979 346 1.0 Dry Bulb 23652 702164 84 346 1.0 64.2 Wer Bulb 573873 25693 24.5 8.953 845 Dew Paint 2.6

RECBAL CLIMATOLOGY BRANCH UPAFETAC ATF REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

267 F | 273 F | 280 F | 293 F

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2:114 FAIRCHILD AFB WA 70-79 FEB STATION NAME YEARS 060G-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dow Point 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 (F) . 5/ 47. • 1 14/ 43. 22/ 4.1 36 • 5 1.9 24 12 37 1.3 2.7 1.1 46 46 29 35 2.4 4.4 65 58 65 3.8 8.5 2.4 34/ 33: 31 2.11.3 2.4 131 131 113 69 2.4 9.1 1.5 / 29 145 34 75/ 27 9.4 1.3 133 103 118 119 <u>~e/</u> 25 . 6 76 93 1.7 6.7 76 133 35 53 14/ .6 3.3 23 38 . 6 89 -21 2.5 73 • 7 23 53 1.1 17 17 18/ 17 • 6 27 • 2 1:/ 15 . 8 13 22 10 12/ 11; 15 • 6 5 ŝ/ 3 8 -4/ -5

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-1_/-11 TOTAL

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Paint

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5863348 770768

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SLEBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME 79-79 FEB MONTH

PAGE 1 2902-110

PAGE 1 2903-1100 HOURS (L. S. T.)

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 PLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 14 FAIRCHILD AFB WA 73-79

STATION STATION HAME

PAGE 2 2990-1100 HOURS (L. S. T.)

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 . 2 3 - 4 5 . 6 | 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | # 31 D.B./W.B. Dry Bulb | Wer Bulb | Dew Point (F) 12.453.326.8 5.6 1.3 Element (X) No. Obc. Noon No. of Hours with Temperature 66740 Rel. Hon. 5415468 78.913.119 32.9 7.319 845 20F 232 F ±67 F = 73 F = 80 F Dry Bulb 913130 27396 845 40.3 84 Wet Bulb 799810 25316 29.9 7.671 845 52.3 84 Dew Point 634299 846 84

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BLOBAL CLIMATOLOGY BRANCH LOAFETAC ASP BEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

- 114 FLIPCHILD AFB #A 73-79 FEB

STATION STATION NAME 73-79

PAGE 1 1200-1400
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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FAIRCHILD AFB HA STATION FEB MONTH 7:-79 YEARS 1200-1400 HOURS (L. S. T.) PAGE 2

ANT A - Late special of a sound of the late of the

TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.P. /W.B. Dry Bulb Wet Bulb Dew Point TOTAL 6.134.932.917.4 7.7 1.8 846 846 No. Obs. Mean No. of Hours with Temperature Element (X) X 4623821 1134392 612.9 72.415.202 846 ± 32 F Dry Bulb 846 22.8 84 30282 35.8 7.728 Wet Bulb 935350 27504 32.5 6.981 846 38.7 Dew Point 690673

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SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR REATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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PRINT FAIRCHILD AFB WA 70-79

STATION STATION NAME YEARS MONTH

PAGE 1 1590-1700 HOURS (L. S. T.)

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Dry Bulb																					
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Dew Point																					

ELOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24.14 FAIRCHILD AFB NA 75-79

STATION STATION NAME

PAGE 2 1500-1700

Temp.							WET	BULB	FEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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Dew Point		6	936	53		230	367	27.3	8.	751		46	1	. 3	60.0	1						8 4

FAIRCHILD AFB WA 70-79 YEARS STATION STATION NAME WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 40/ 47 • 1 15/ 45 1.2 2.1 43 -4/ • 4 427 41 • 2 2.1 2.6 4 / 39 37 35 30/ 8.2 4.3 1.2 7.9 6.3 721 31 5.2 4.0 3 / 29 4 - 3 3 - 2 281 211 1.2 3.2 1.7 • 1 261 25 . 1 2.2 247 23 72/ 21 2 / 19 1.1 17 15/ 4/ 13 12/ 11 • 1 3/ 7 3 ر (۵۱۸) -6/ -7 0.26.5 -1 /-11 -16/-17 -18/-19

PSYCHROMETRIC SUMMARY

MOYTH 1800-2000 HOURS (L. S. T.) PAGE 1

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TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 28 28 4 25 48 19 100 100 25 66 128 128 123 55 149 117 63 127 86 86 110 104 55 55 89 108 48 91 28 16 32 56 19 57 12 14 35 23 8 13 29 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 20F ± 32 F 267 F 273 F 280 F 293 F Wet Bulb Dew Point

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SLOBAL CLIMATOLOGY BRANCH

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PSYCHROMETRIC SUMMARY

24 · 14 FAIRCHILD AFB WA 70-79 FEB

STATION STATION NAME YEARS MONTH

PAGE 2 1808-2008

Temp.							BULB '											TOTAL		TOTAL	
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Element (X)		ΣX?			ZX		X	"		No. O								h Tampera			
Rel. Hum.		5.2	2372	<u> </u>	643	47	75.8 33.5	113.7	754		46	± 0		≤ 32 F	≥ 67	F	73 F	≥ 80 F	2 93	<u> </u>	Total
Dry Bulb		99	333		28:	554	33.5	7.	81		146		•3	30.4	<u> </u>			 	_		
Wet Bulb		84	1702	4	26	55	30.9	6.7	737		46		•3_	46.5	<u> </u>						
Dew Point		61	959	7	222	259	26.3	8.6	99		146	1	1.5	67.1	1	1					- 6

BLOBAL CLIMATOLOGY BRANCH JSAFF TAC AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA STATION STATION NAME

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PSYCHROMETRIC SUMMARY

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2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 D.D./W.B. Dry Bulb Wet Bulb Dew Point (F) - 1 47 45/ 45 2 114/ 03 • 9 15 15 22/ 41 . 7 1.3 22 4 / 35 2.1 2.7 50 16 50 23 48 18 35/ 35 3.7 2.4 7.8 116 101 54 116 33 6.6 4 . 8 130 130 97 63 31 9.5 2.6 125 125 144 84 • 9 1.1 7.4 3.1 100 114 / 29 100 116 23/ 27 5.0 1.4 64 64 172 105 25/ 25 3.1 1.2 41 41 66 110 24/ 23 33 1.1 17 58 .6 17 "2/ 23 3.2 57 33 2 / 19 •1 16 25 14 30 . 6 • 7 16 15/ 17 . 1 31 1:/ 15 1.1 12 24 19 14/ 13 - 1 12/ 11 13 ç 13 7 8 6/ 5 4/ 3 1 9 21 -1 • 3 -2/ -3 -4/ -5 -8/ -9 -1./-11 5 -12/-13 -16/-17 ī -13/-19 2 TOTAL 13.856.726.8 5.1 846 846 846 846 No. Jbs. Mean No. of Hours with Temperature Element (X) 5437096 66952 79.112.805 846 ≥67 F ≥ 73 F ≥ 80 F | ≥ 93 F ≤ 32 F Rel. Hum. 10F 31.6 6.942 29.6 6.817 25.6 8.826 Dry Bulb 26769 887743 846 42.3 84 77941 25723 846 55.6 84 Wet Bulb • 6 621002 21672 845 84 Dew Point 68.7

73-79

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

NOUM 0-26-5 (OL A)

O 1 TO USAFETAC

PSYCHROMETRIC SUMMARY

STATION	FAIRCE	HILD		A A					<u>72</u>	-79				ARS					F	EB_
STATION			517	ATION NA	ME								**	LARS			2.5			
																	PAG	Ε1.	HOURS (LL S. T.)
					WET	8111.0	TEMPER.	ATHD	DEPP	SSION	(E)						TOTAL		TOTAL	
Temp.	0 1 1 - 2	3 - 4	5 - 6	7 . 8			13 - 14					23 . 24	25 - 26	27 - 28	29 - 30	1 ± 31	D.8./W.8.			Dew Poir
5-/ 551		+	• 1				1 1		1		1		1			1	5			
54/ 53	1	. 1	1	. 1	. 1]]]				18	18		
72/ 5.		• 1		• 3	• 1		11		1								33	33	1	
5 / 49		. 1	• 2	• 3			<u> </u>		<u> </u>				<u> </u>			<u> </u>	42	42	7	
41/ 47	•	1 .2		• 2	• 2				Ţ								60	65	19	
L:/ 45			.4	. 4					<u> </u>	L						<u> </u>	131	131	25	
24/ 43	, •	7 . 7		• 3					į	1	li		1	1 1		1	174	174	84	2
42/ 411	1.1	1.5		• 1			 		<u> </u>	<u> </u>			<u> </u>			<u> </u>	263	253	146	1
4 / 39	• 3 2•2		• 9	• 2					į							į	387	387	224	
35/ 37.	1.3 3.6			<u>• 1</u>			!		 		 		├	 		↓	629	629	474	
36/ 35	2.1 5.1	3.5		• 1			j		1							!	872	872	697	
34/ 33				- 1			!		-	'	 		├			├	964	964	867	
3 / 29	1.3 7.9			• Z		1			1	!			ļ			1	857	857 688	1001	
25/ 27	1.4 4.9						 		+	├			├			 	688 543	543	752	88
25/ 25	7 4.	1	- 3	• 1		1	1 1		1	1			1			j	372	372	493	
24/ 23	-2						 		┼	 	! 		 	 		┼	188	188	320	
12/ 21	.2 1.6			• -			1 1		i	Ì						1	159	159	183	
7 15	.1 .8	+					 		 	 	 		 -			+	104	104	148	
18/ 17	.; .;						1 1		1	ļ				j		1	51	51	102	
16/ 15	• (1		 	 			; -			+	59	59	73	
14/ 13	. 1						1 1		İ	}						1	36	35	64	
12/ 11	•								1	1			1			1	24	24	37	
1./ 9							1 1		1	İ			1			1	25	25	27	
F/ 7	•7 •3	2	i				1		\top				1			1	16	16	31	6
6/ 5		1					<u> </u>		1	İ			l	<u> </u>		1	z	2	9	4
4/ 3	•	2											1				11	11	5	,
2/ 1	<u> </u>	1					<u> </u>		<u> </u>	<u> </u>			ļ			 	11	11	11	5
/ -:	•1	1					Ì		1								11	11	14	
-2/ -3			 				 			<u> </u>	 		 			↓	12	12	17	
-4/ -5	• 1 •	4					1 1		1							1	9	9	8	_
-6/ -7	<u>• ‡ </u>	 					 		 	ļ			 	┝┯┦		┼	6			2
-8/ -9	• 1										1		1			1	6	5	6	1
-1./-11	+				لسرحا	Ļ	╁┷╤┙		<u> </u>				┸—	<u> </u>	Sa -1 *	10000	1 Tarress	i		3
Element (X)	ΣX'			x x		X	- P.		No. O		201		1 32 F	Mean I		2 73 F	th Temperet	ure ≥ 93 F		Tetal
Dry Bulb			 				 	 -			201	+	- 32 F	/		- /3 F	- 40 F	+ * * * *		
Wet Bulb			 				 							 	\dashv			 		
Dew Point							 							 -			1			
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SUCSAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIF WEATHER SEPVICE/MAC FAIRCHILD AFB WA 21114 7~-79 YEARS STATION NAME STATION ALL HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) -1 /-13 -14/-15 -: 6/-17 TETAL 11.551.725.7 6.6 2.6 5768 6768 6768 6768 E 0.26.5 (OL A) Element (X) ZX, ZX No. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. 42251702 526214 77.814.864 6768 ± 32 F 10F 267 F = 73 F = 80 F 672 672 7485394 218396 32.3 7.695 4.4 316.7 6768 Dry Bulb 6453607 203265 30.0 7.180 6768 5.2 419.8 Wet Bulb Dew Point 5028860 25.8 8.918 6768 15.5 537.8 672

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SLOBAL CLIMATOLOGY BRANCH GCAFETAC ATR REATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION	FAIRCH	1110	AFE S1	MA TATION NAI	ME .				75-	19				EARS					MOI	AR ITH
																	PAG	E 1	BOSO HOURS (I	-3261
Temp.					WET	BULB T	EMPERA	TURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)			5 - 6	7 - 8								3 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8./W.8.	Dry Bulb	Wet Bulb	Dew Po
~1/ 53	• 1																1	1		
<u>51/51</u>	- + • •				<u>;</u>								 _	<u> </u>		<u> </u>	2	2		
5 / 49	; ,	. • 2			;	İ	:			ĺ	ļ			İ	ĺ		2		2	
45/ 45	•€ •€					 ;				-+			┼		 -	┼	29	10	15	1
44/ 43	.1 1.9			, ;	;	į		!		İ	i				l		49	49		
-2/ 41	-8 1.2		1.3											 	 -	 -	47	47		
4 / 39		2.9			ļ		:			l	İ		i		İ		1 80	89		3
35/ 37,	1.3 3.5				• 1								\top			1	98	98		
36/ 35	• 9 6 • 1		2.2										1 	<u> </u>			136			
34/ 33	1. 8.6		-	,	Ī	-				- F	ļ						143	143		
32/ 31!	-9 6-6	3.9			<u>i</u>	<u> </u>					<u></u>		!	 	<u> </u>	 	115	115		
3 / 291	•5 5.3				!	ļ				į	-			İ	•		84			
15/ 25:	-B 2-9										 -		 	┼	 	┼─	72	72 31		
24/ 23:	-1 -6	1 .		,	•	ļ				ĺ	ļ						9	31	54 54	
72/ 21					- 						-†			 	 	i -	4	- 4		
2 / 19		.)			į	-				İ	_ [İ	-	1	1	7	6
15/ 17		1.	,			 i							<u> </u>				5	5	z	4
10/ 15		• 5											<u> </u>		-	 _ _ 	1	7		2
1-/ 13	: .				i	I				l						1		_	5	1
12/ 11	-1		;		 		-						┼	 		 	1	1	1	
8/ 7	• 4	1	!	<u> </u>	į								1		ì		"	4	3	1
6/ 5		 		 							+		 	 	 	+-	-			
4/ 3	ļ			İ		i				i										
2/ 1		1			1											$T^{}$				
1 -1						l	l									<u> </u>				
OTAL	5.143.	32.6	12.5	3.4	- 1	i				!					1			930		93
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				 	 +					-+		_		 	 	 	┼┼┤			
İ		ì				l				1										
Element (X)	Σχ²		<u> </u>	ZX		X	* 2		No. Ob					Mean	No. of I	lours wi	th Temperet	wrø.		
Rel. Hum.		79739		702			13.7			30	± 0 F	I	≤ 32 F	2 67	F	≥ 73 F	≥ 80 F	× 93 1		Tetal
Dry Eulb		36280		320			6.0			30		\bot	33.		\bot			1		9
Wet Bulb		58731		295			5.9			30			55.				_			9
Dew Faint	71	1745		252		27.3	7.9	23	9	30	•	3	72.	3				.1		9

CONTROL O. 26-5 (OLA) HINTE MINEUM IEITOM OF THIS FORM ALL OLD CITT

SLOSAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27114 FAIRCHILD AFB MA 73-79

STATION STATION NAME YEARS MAR
PAGE 1 0398-0500
HOURS (C. S. T.)

Temp.				ET BULB 1											TOTAL		TOTAL	
(F)	0 1-2 3-	4 5-6	7-8 9-	10 11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	231	D.S./W.S.	Dry Bulb	Wet Bulb D	ew Peint
5 / 47	•4 •1	, ;									i				2	2	1	1
15/ 47	•1 •1			_					_ [I 1	[l		2		2
4./ 45	.4 .9 1.	1 1			. !					_					23	23	â	ó
~4/ 43	1.2	9 3	Ì	1			1 1		1]				22	22	6	3
2/ 411		.3 .8	• 1												48	48	34	17
4 / 39		.7 1.3	l	i	: !										65	65	45	20
3=/ 3-1	1.4 2.7 2	4 1.6	• 5	<u> </u>	\Box										81	81	52	49
3=/ 35	1.1 5.1 2	4 1.7	- 1								i _ i			 	96	95	61	39
3:/ 33	.5 9.7 3		• 2	1										Ī	147	147	105	38
72/ 31,	1.9 9.1 4	.3 1.	• दं		:		1	,	1		1 i				_154	154	153	91
3 / 29		92					. 1							Γ	113	113		119
78/ 27		4 1			<u> </u>										72	72		108
€/ 25		· 5 · 2												Ι -	45	46	66	105
↑÷/ 23		- 5	_		<u> </u>		<u> </u>				<u> </u>			L	21	21		81
2/ 21	-5	- 44	!												9	9	-7	63
17 7 5		. 4			<u> </u>				1		<u> </u>			<u> </u>	19	19	15	62
E/ 27	-1 -3						Γ \top							Ī	4	4	a	38
16/ 15		- 3		i	<u> </u>		$\perp \perp$		i		<u> </u>				6	6		32
14/ 13	• 2	• 2								-				Ī	4	4	5	16
12/ 11		1						i						l	<u> </u>	l		6
• / 5	• 3	• 1	i												4	Q.	2	9
6/ 7	. 1						نــــــــــــــــــــــــــــــــــــــ							<u> </u>	1	1	i	6
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-7/ -3		! !	. 1				1 1	ļ	i					l	1 1	- 1	I	3
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TOTAL	10.952.825	-5 9-6	1.3]	1 1		! !	1						1		930		930
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Element (X)	2 _X ,		ZX	X			Ne. Obs								h Temperat			
Rel. Hum.	58284		72547	78.0	13.4	77		30	10F		1 32 F	≥ 67	F -	73 F	> 80 F	- 93 1	<u></u>	erel 0.5
Dry Bulb	15424		30627		6.0			30			44.4		-			 		93
Wet Bulb	9281	2 4	26523	30.7	5.9	75	9	30		- 1	61.6	l	- 1		1	1	ı	93
Dew Point	7107		24622		7.9	7 7		30		.7	75.5		!					93

SECRAL CLIMATOLOGY BRANCH UPAFETAC

FAIRCHILD AFB WA

ATS REATHER SERVICE/MAC

USAFETAC NOW 0.26-5 (OL A)

PSYCHROMETRIC SUMMARY

YEARS PAGE 1

MAR

Temp.						WET	BUL B 3	TEMPE	PATUS	E DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1.2	3.4	5.6	7.8								23 . 24	125 - 20	27 . 28	29 . 30	1 + 31	D.B./W.B.			Dew Paint
5 / 47	- 3			3.0	 	7 - 10	11 - 12	13-14	113-	17 - 11	177-	21.22		123-2	1		 		7		
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5:/ 45		=	1.5				,	 -		+	+	 		:	i	-	 	50	20		
: 4 / 43		1.2	1 . 1:	•		• 1			i	-	İ			1	1	1	i i	35	35	12	7
3/ 11	- 4	1 15	1 4					 -	!	+	+	 -	 	+ -	┼	 		45	45	28	14
1 / 36	. 4	7 K	2.2		• 4			ŧ	•	1	į	1		1	1	;	1	66	68	43	23
4 / 45 : 4 / 43 : 2 / 4 . 4 / 39 3 2 / 3 . 1	101	3.7	2.5	1.2	• •		:	<u> </u>		- 	 -	┼──	<u> </u>	┼──	┼──		 	71	71	55	34
s/ 35:	1.1	5.6	2.8	1.9						-	1	1	! !		1	ì	ļ	196	156	74	54
34/ 33		3.7	2 - 4	1.5	•1						+	 		+-				144	144		53
3/ 31	1.3	8.9	3.7	1.5				:		i	Ì	1	i	:	1	l	ĺ	149	149	148	94
3 / 31.	1.5	7.1	3.4				,		:		+-	;		 	1	 	 	119	119	175	111
29/ 27	1.2	3.4	1.9	- 1			,	•	:	1		:		1			Ì	62	62	113	123
1/ 25	• 5	2.4	3	• 1	,		<u> </u>	 	1		+	; -	<u> </u>	i	 	 	 		31	6:1	105
24/ 23:		2.7			:			i	:	i	•	1	ļ	1	1	1		31 32	32	45	63
22/ 21			•3		<u> </u>				-			 	 	; 	 	 	 	1 2	8	25	60
2 / 19.	• 3	.3	• 6						i	Ì	į	1		Ì	1	1	1	2 12	12	11	7:
10/ 17	•1	•3 •5			,			-	1	1	-	i		 	1	i	 	3	3	6	38
16/ 15	·	.5	- 1:	:					1		ì	Ì	1			1	1	W 5	5	ģ.	18
14/ 13		.);	<u>•1</u>						1		1	1		1	1			4	4	3	14
13/ 11	• 1							:	ì	İ	1	Ì		Ì]			4	4	3	7
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TOTAL	10.5	51.d	27.9	9.5	1.5	• 1			<u>L</u>						<u></u>	<u> </u>	<u> </u>		929		929
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L									↓			<u> </u>	<u> </u>	<u> </u>	<u>i</u>	<u> </u>	 	<u> </u>			
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	بنـــــــــــــــــــــــــــــــــــــ						<u> </u>		ــــــــــــــــــــــــــــــــــــــ		1	<u> </u>	<u> </u>		<u> </u>		<u> </u>	لــــــــــــــــــــــــــــــــــــــ			
Element (X)		ξχ'			z _x		X	•		No. C		<u> </u>						h Temperate		 -	
Rel. Hum.			6789		727		73.4	13.	Z47		929	= 0	F	± 32 F		7 F '	13 F	> 80 F	≥ 93 F	 -	etel 0.7
Dry Bulb Wel Bulb			4692		307 286		33.1				929 929	 -	-+	43. 59.				 	 		93 93
Dew Point			7221 2178				30.8					 -		74.		-+-		 	+		93
Dem Foint ;		12	4110		248	19	26.8		7 9 0		929	<u> </u>	<u>۔</u>	/70	ــــــــــــــــــــــــــــــــــــــ	i		<u> </u>			93

GLOBAL CLIMATOLOGY BRANCH LIAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA 2-.14 STATION HAR 70-79 PAGE 1

9990-1199 HOURS (L. S. T.)

Temp.					EMPER									TOTAL		TOTAL	
(F)		5-6 7-8	9 - 10	11 - 12	13 - 74	15 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25 - 20	27 - 28	29 - 30	≥ 31	0.8./W.8.	Dry Bulb	Wet Bulb C	Dew Pair
- 4/ 0			• 1											1	1		
58/ 57		•2 •1	• 1							L				4	45		
55/ 55		·2 ·1								ŀ				3	3	i	
14/ 53	<u> </u>										<u> </u>			8	8		
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SLOBAL CLIMATOLOGY BRANCH L AFETAC AIF REATHER SERVICE/MAC

17030 C. ...

Dry Bulb Wet Bulb Dew Point

PSYCHROMETRIC SUMMARY

±32 F | ±67 F | ±73 F | ±93 F

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PSYCHROMETRIC SUMMARY

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STATION	STATION NAME	YEARS	MONTH
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GLOBAL CLIMATOLOGY BRANCH CCAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME 70-79

MAR MONTH PAGE 1 1500-170

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FIAC 28M 0.26-5 (OLA) BENSED MENIOUS EDITIONS OF THIS FOLM

JSAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA 20114 73-79 MAR 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point TITL 2.014.610.820.822.613.5 8.5 2.3 930 930 930 930 (, ĝ 0.26.5 FOEM JEL 04 No. Obs. Mean No. of Hours with Temperature Element (X) C ¥ 52852 10F 132F 267F 273F 280F 293F 3322724 56.818.535 930 Rel. Hum.

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FAIRCHILD AFB WA

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PSYCHROMETRIC SUMMARY

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BLOBAL CLIMATOLOGY BRANCH STAFETAC **PSYCHROMETRIC SUMMARY** AIP WEATHER SERVICE/MAC 20 - 14 FAIRCHILD AFB WA 70-79 MAR STATION NAME 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.8-W.B. Dry Bulb Wet Bulb Dew Point TUTAL 3.421. 28.525.214.2 6.6 1.4 930 930 EDITIONS OF THIS FORM ARE 0.26-5 (OL A) No. Obs. Element (X) Mean No. of Hours with Temperature 61194 65.816.531 4280426 930 Rel. Hum. ≤ 32 F 39.8 6.779 35.3 6.119 1517201 37031 930 10.6 Dry Bulb

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SUCEAU CLIMATOLOGY BRANCH USAPETAC ATP WEATHER SERVICE/MAC

AFETAC FORM 0-26-5 (OL.A) REVISIO REVIOUS ERRICHS OF THIS FORM ARE OLD LIFE

PSYCHROMETRIC SUMMARY

2014 FRIRCHILD AFB WA 73-79 MAR STATION NAME YEARS MONTH

PAGE 1 2180-2350

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SLOPAL CLIMATOLOGY BRANCH UCAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 2-114 FAIRCHILD AFB WA 70-79 STATION STATION NAME PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point -6/ 65 -4/ 63 1.27 61 • 1 •0 . 0 / 59 11 11 57 29 29 • 0 • 0 •0 56/ 55 57 £4/ 53 57 ^2/ <u>51</u> 114 114 11 . 1 5 / 45 149 149 46/ 47 210 210 23 • 1 45 306 306 21 5 / 109 1.2 1.5 1.6 1.7 26 84/ 43 514 €. 514 175 92 1.8 1.9 555 421 41 1.9 2.7 277 106 1.7 1.1 581 581 2.3 2.5 2.4 4 / 39 469 143 1. 2.5 3.3 4.3 3.5 33/ 37 661 661 572 224 2.3 1. 705 36/ 35 728 728 375 2.7 - 1 826 341 33 5.6 2.8 826 858 466 1.5 818 32/ 31 818 967 4.1 2.4 1.0 538 • z 648 3.2 29 648 998 736 2.7 . 6 23/ 27 480 480 821 847 35/ 295 295 25 1.4 538 843 • 4 163 163 347 23 740 85 72/ 21 85 • 2 235 449 / 19 . 1 36 36 80 474 15/ 17 37 37 59 437 HWSE • 2 18 18 • 1 33 288 - 1 14/ 13 32 192 • 1 12/ 11 17 114 71 ತ • 2 8/ 7 10 82 0.26.5 6/ 5 l, / 42 2/ 27 19 13 (\$\frac{\partial}{\partial} \rightarrow \text{USAFETAC} No. Obs. Mean No. of Hours with Temperature Rel. Hum. 4 0 F ⊴ 32 F 267 F 273 F 280 F 293 F Dry Bulb Wet Bulb Dew Point

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Baruga Bulu

SLUBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

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Wet Bulb			46934		251	354	33.9	6.	561	7.9	139			318.9							74
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CLOBAL CLIMATOLOGY BRANCH

LIAFETAC

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-114 FAIRCHILD AFB WA 70-79

STATION STATION NAME

70-79

YEARS

PAGE 1 000-0200 Hours (L. S. T.)

Temp.	T						WET	BULB	TEMPE	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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Wet Bulb	十	_		928		319			5.		9	00		\neg	29.3		\neg		<u> </u>	1		90
Dew Point	+			2108		264			6.			00			57.7				 	 		90

GLOBAL CLIMATOLOGY BRANCH LIAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2":14 FAIRCHILD AFE WA STATION NAME

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 20	27 - 20	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew Poin
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4 / 39		3 3 . 7	4.7	2.6	. 4		·	·	<u>. </u>	<u> </u>	L			<u> </u>	<u> </u>	<u> </u>	<u> </u>	109		74	
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Rel. Hum.			1524		654		72.8	14.0	134		99	⊴ 0	F	± 32 F		7 F	= 73 F	= 80 F	> 93 (F	Total
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Wet Bulb			70764		308	46	34.1	5.3	88		199			37.							91
Dew Point		75	5537		260	377	29.0	6.6	01		99			52.	9						9

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-14 FATRCHILD AFB WA

73-79

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PAGE 1

0699-0866 HOURS (L. S. T.)

Temp.						WET	BULB T	PEMPER	ATURE	DEPRE	SSION (F)				_		TOTAL		TOTAL	
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Rel. Hum.		473	8890		638			14.8			99	⊴ 0		2 32 F	≥ 67	F :	73 F	= 80 F	≥ 93	F	Total
Dry Bulb		144	7483		355	89		5.5		. 8	99			12.6		• 1		T			9!
Wet Bulb		117	4826		321		35.7	5.4		8	99			25.5					7		9
Dew Point		86	8834		273	(उत	30.4				99			57.0				1	1-		9:

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USAFETAC POR

Temp.

PSYCHROMETRIC SUMMARY

TOTAL

FAIOCHILD AFE WA STATION

SECTAL CLIMATOLOGY BRANCH CLAFETAC AL WEATHER SERVICE/MAC

WET BULB TEMPERATURE DEPRESSION (F)

PAGE 1

2900-1106 HOURS (C. S. T.)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2414 FRIPCHILD AFB MA 70-79
STATION STATION NAME YEARS

PASE 2 0900-1100

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PSYCHROMETRIC SUMMARY

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

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BLUBAL CLIMATOLOSY BRANCH USAFETAS **PSYCHROMETRIC SUMMARY** ALF MEATHER SERVICE/MAC FAIRCHILD AFB WA 1200-1400 HOURS IL. S. T.I PASE Z WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | # 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 1./ 15 8 1./ 11 1 71 .8 3.6 8.9 9.417.218.921.711.8 4.7 1.6 TOTAL 900 959 (OL A) 0.26.5 \$ \$ \$ \$ Element (X) Mean No. of Hours with Tempe USAFETAC Rel. Hom. 2281089 42301 47.616.529 900 #67 F #73 F #80 F #93 F 20F 1 32 F 51.7 8.097 900 2460103 45437 90 Dry Sulb 36:10 42.2 5.596 90C 90 153344 Wer Bull

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF *EATHER SERVICE/MAC

FORM 0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

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CLOBAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFS WA

PAGE 2

Temp.						WET	BULB	EMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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PSYCHROMETRIC SUMMARY

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25,14 FAIRCHILD AFB WA 70-79 STATION NAME 1800-2000 HOURS (L. S. T.) PAGE 1

WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | **×** 31 :4/ 83 94/ 81 73/ 77 76/ 75 14/ 73 72/ 71 7 / 63 • 2 68/ 67 56/ 63 14/ 63 62/ 61 27 27 27 53/ 57 1.0 29 29 56/ 55 47 2.7 54/ 53 1.1 2. 66 66 1.0 52/ 54 66 66 1.5 2.7 52/ 49 2.6 86 86 27 2.1 48/ 47 80 8ប 2.7 4.4 46/ 45 1.7 1.8 1.7 120 120 71 20 1.8 2.3 86 86 100 26 3.1 1.9 42/ 41 1.2 84 27 1.4 84 119 1.8 47/ 39 1.1 53 63 119 46 .8 1.3 39/ 37 • 6 34 1.2 34 128 59 36/ 35 97 86 34/ 33 69 102 • 1 . 2 32/ 31 86 3 1/ 29 80 28/ 27 104 26/ 25 73 24/ 23 22/ 21 33 18/ 17 Element (X) X No. Ob-. Mean No. of Hours with Temperature ±0F ⊴ 32 F Dry Bulb Wet Bulb

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PSYCHROMETRIC SUMMARY

FAIRCHILD AFS WA PAGE 2

1800-2000 HOURS (L. S. T.)

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GLORAL CLIMATOLOGY BRANCH USAFETAC ATA WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2014 FAIRCHILD AFB WA 70-79

STATION STATION NAME YEARS PAGE 1 2120-2300

PAGE 1 2170-2300 HOURS (L. S. T.)

Temp.							BULB "											TOTAL		TOTAL	
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GLOBAL CLIMATOLOGY BRANCH LUAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA 75-79 2100-2300 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B./W.B. Dry Bulb Wet Bulb Dew Point TITAL 3. 12.723.126.717.5 9.4 4.6 1.5 900 900 900 100 Ī â ĝ 0.26.5 No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC 900 3665112 55402 61-616-932 43.3 6.991 37.7 5.486 1731680 38974 900 2.2 90 Dry Bulb 1352904 33886 900 90 16.6 Wet Bulb 26990 30.0 7.355 858036

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP #EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24:14 FAIRCHILD AFB WA 73-79

STATION STATION NAME YEARS

PAGE I ALL
HOURS (L. S. T.)

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SLOBAL CLYMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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FAIRCHILD AFB WA 24:14 72-79 STATION NAME YEARS MONTH PAGE Z HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb | Dew Point (F) 317 210 15/ 15 149 14/ 13 62 1./ 11 47 20 37 TOTAL 2.315.223.917.914.611.3 3.6 4.9 2.0 7198 7198 7198 7198

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PSYCHROMETRIC SUMMARY

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CLORAL CLIMATOLOGY BRANCH UNAFETAC AIR WEATHER SERVICE/MAC

O 1115 - OUSAFETAC Number 0.26-5 (OLA)

(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	2 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
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Wet Bulb			7834		395		42.5				30		\neg	1.4					1		9.
Dew Point			7074		339		36.5				30		\dashv	27.3		_			+		9

SLEBAL CLIMATOLOGY BRANCH CSAFETAC ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA

73-79

3300-0500

Temp.						WET	SULB	TEMPE	RATUR	E DEPR	ESSION	(F)						TOTAL		TOTAL	
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34/ 33		1.2	. 5		<u> </u>	<u>:</u>	<u> </u>		<u>i</u>		<u> </u>	!	<u></u>	<u>l</u>			İ	24	24		
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Element (X)				ZX			<u> </u>			No. 0		 _				Mean No. of Hours					
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Dry Bulb			8729		41		45.		219		930	ļ						ļ			9
Wet Bulb			6066		38		41.		308		930			4.							9
Dew Point		125	8867		336	97	36.2	3 6.	388	·	930		i_	29.	<u> </u>	i_		<u> </u>			9.

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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FAIRCHILD AFB WA 73-79 HAY PAGE 1 0600-0800 HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 55 n3/ 67 -6/ 65 • 1 • 3 • 1 .2 1.0 54/ 63 28 12/ 61 .1 1.4 28 s / 59 29 29 1.1 57: .4 1.3 1.3 1.3 38 38 54 55 .2 2.3 1.5 1.1 = 4/ 53 .5 1.2 2.4 1.7 1.7 74 30 7 74 52/ 51 1.3 2.2 3.9 2.6 183 103 57 1 a 5 / 49 1.3 2.9 2.5 2.4 89 39 21 67 # ê / 47 1.7 3.2 3.8 1. 96 96 102 27 -3/ 45 4.1 4.5 3.3 1.4 131 131 122 .3 1.9 3.8 3.7 44/ 43: 94 94 143 136 42/ 41, 1.6 2.8 1.6 51 61 121 89 2.2 3.7 4 / 39 98 53 38/ 37 95 • B • 5 18 18 114 36/ 35 5 d 101 34/ 33 • 2 14 99 .4 32/ 31 81 3./ 29 42 23/ 27 25/ 25 19 24/ 23 22/ 21 3 930 1.716.525.726.613.5 9.5 930 930 Zx? No. Obs. Element (X) Ŧ Mean No. of Hours with Temperature 67.314.983 49.0 6.916 Rel. Hum. 4418649 62573 930 ± 32 F 45599 930 93 Dry Bulb 2280213 43.7 5.320 38.0 6.176 1882040 40638 930 1.3 93 Wet Bulb Dew Point 1376611 35317 930 93 3L0∃AL

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFS NA 70-79

STATION STATION HAME

PAGE 1 7900-1100

HOURS (I. S. T.)

Temp.	L	WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31														TOTAL	TOTAL				
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 26 29 - 30 | 2 31 | D.B.W.B. Dry Bulb | Wet Bulb | Dew Poin (F) -8/ 27 -6/ 85 0; ร 1 79 14 14 7=/ 77 22 22 1.3 • 9 1.5 . 5 42 42 .2 1.3 1.5 1.5 5.7 รฮ 1.1 1.9 1.9 55 .1 1.1 1.3 1.3 1.4 2.5 1.5 1.5 .=/ 67 38 38 45/ 55 71 71 • 2 14/ 63 .5 2.4 2.2 1.4 58 1 68 ·6 2·3 1·4 1·9 32/ 6: . 4 56 55 .3 1.2 1.5 1.6 2.5 78 78 34 • 3 · c/ 57 .4 1.5 1.7 2.8 1.1 76 .3 .9 1.7 2.8 2.4 1.2 .5 1.5 1.1 2.7 1.2 1.1 57 51/ 55 1.2 91 91 74 74 103 121 5:: . 4 .8 1.9 •5 1•1 49 49 123 10 5 / 49 .5 1.5 46 114 26 • 5 1.6 48 .5 1.5 25 31 25 129 1.7 1.4 45/ 45 62 43 • 6 10 10 30 100 42/ 41 76 87 4 / 39 96 36/ 37 91 361 35 108 34/ 33 72/ 31 2 / 29 84 31 81 29 58 25/ 27 37 26/ 25 25 241 23 ŠΩ 72/ 21 Element (X) I No. Obs. Mean No. of Hours with Tempora Rel. Hum. 10F 1 32 F +67 F = 73 F = 80 F Dry Sulb Wet Bulb Dew Point

FTAC FORM 0.26.5 (OLA) PHYSTE MIYOUS TORIONS OF

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SLIBAL CLIMATOLOGY BRANCH LEAFETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC FAIRCHILD AFB WA 2 :14 76-79 MAY 1200-1450 HOURS (1) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point . / .9 .2 2.5 5.4 8.9 9.312.715.715.613.9 9.5 4.6 2.9 1.7 937 933 93: €. (OLA) 0.26.5 12 × 2 Element (X) Ī No. Obe. \$4.416.635 61.1 9.020 49.1 5.383 2-87259 25.3 10.9 2.8 41256 930 Rel. Hom. 2 8 F 2 32 F 3541976 56778 930 93 Dry Bulb 2269462 930 45668 1347205 34783

C FORM 0-26-5 (OL.A) TENSED MENDOUS EDITIONS OF THIS FORM ARE OSSOILTE

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BLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFF REATHER SERVICE/MAC

2-214 FAIRCHILD AFB WA

STATIO

PSYCHROMETRIC SUMMARY

70-79

YEARS

MAY

MONTH

PAGE 1 1500-1700
HOURS (c. s. r.)

Temp.	WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31												TOTAL	L	TOTAL						
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"E/ 351														• 4		I		4	4	1	I
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Rel. Hum.												≤ 0		⊴ 32 F	≥ 67		≥ 73 F	≥ 80 F	= 93	<u></u>	Yotal
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Temp. 7/ 17 TGTAL

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SLGBAL CLIMATOLOGY BRANCH

AIR WEATPER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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FAIRCHILD AFB WA ct ±14 73-79 1500-1700 HOURS (L. S. T.) PAGE 2

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.4 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2.3 6.3 5.3 7.3 9.514.614.914.210.5 7.9 4.7 1.9 1. 928 928 928 928 X *x 41.317.114 62.1 9.213 38336 Element (X) No. Obs. Mean No. of Hours with Temperature 1355178 928 267 F 273 F 280 F 293 F 29.3 13.6 3.5 ±0 F ≤ 32 F Rel. Hum. 57624 62.1 9.213 45576 49.1 5.267 928 Dry Bulb 3656828 2264548 928 93 Wet Bulb 33631 36.2 7.172 928 1266485 Dew Point GLGBAL CLIMATOLOGY BRANCH J'AFETAC AIP «EATHER SERVICE/MAC

(OLA)

PSYCHROMETRIC SUMMARY

2-114 FAIRCHILD AFB NA 70-79

STATION NAME

70-79

YEARS

MAY

MONTH

PAGE 1 1850-2008

HOURS (L. S. T.)

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 14/ 83 92/ 83 75/ 75 12 -4/ 73 72/ 71 • 2 33 • 3 - / 69 16/ 65 53 44/ 63 1.3 64 64 65 1.5 3 / 59 56 56 • 8 FE/ 57 82 67 94 58/ 55 67 6Ü .4 1.1 2.6 .9 1.7 1.9 1.7 1.9 1.7 54/ 53 2.6 86 32/ 5% 89 1.4 73 73 50/ 49 103 1.4 1.5 58 129 137 42/ 47 58 1.6 28 46/ 45 44/ 43 115 20 89 • 6 42/ 41 82 87 4 / 39 52 101 38/ 37 99 361 35 100 34/ 33 81 32/ 31 54 57 28/ 27 46 76/ 25 34 24/ 23 21 22/ 21 2./ 19 Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/M*C

PSYCHROMETRIC SUMMARY

The second of th

Z-114 FAIRCHILD (* WA 73-79 MAY STATION NAME YEARS MONTH PAGE 2 1800-2000 Hours (c. s. f.)

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Point
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Rel. Hum.			ū529		452	05	48.8	18.1	82		27	≤ 0 !	F :	32 F	2 67		73 F	= 80 F	≥ 93	F	Total
Dry Bulb		319	2007		537	89	58.0	8.7	51	9	27		_			• 5	5.3				93
Wet Bulb		212	8396		441	44	47.6	5.3	24	9	27		_		T	1		1	\top	$\neg \uparrow \neg$	93
Dew Point		131	7517		343	3.7	37.0	7.1	34	9	27			24.2							93

USAFETAC FORM 0.26-5 (OL.A) RITTED MENTOUS EDITIONS OF THIS FORM ARE OLSOILES

SLOBA, CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

The story recovering the secretary is a secretary and the secretary of the

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA 24:14 70-79 2100-2300 HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb | Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 5/ 75 4/ 73 • 1 ~ / 69 12 €3/ 67 12 35/ 65 18 44/ 63 43 1.8 42 521 61 42 5 / 59 1.3 1.6 45 45 .8 1.9 1.9 66 56/ 55 .1 1.1 2.1 2.3 1.4 74 74 25 1.5 1.7 72/ 5/ 1.1 1.8 2.6 1.6 56 10 3.1 80 99 5 / 49 2.9 2.1 1.6 1.3 89 89 4.0 2.3 2.3 4.1 3.6 2.2 95 112 112 20 45/ 45 1.9 136 117 46 44/ 43 2.4 1.9 1.4 95 62 62 1.6 3.2 34 102 97 39 18 104 121 38/ 37 90 59 36/ 35 34/ 33 109 85 32/ 31 64 3 / 29 28/ 27 28/ 25 58 24/ 23 11 22/ 21 11 ·913·717·817·418·414·310·8 5·7 2·9 TOTAL 926 926 926 926 No. Obs. Meen No. of Hours with Temperature Element (X) Zxz 926 3579535 55335 52-817-176 ≤ 32 F ≥67 F ≥ 73 F * 93 F 51.9 7.319 44.8 5.100 37.2 6.485 Dry Bulb 2547111 48091 926 93 1884923 41511 926 93 Wet Bulb 1323597 34491

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GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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20114 FAIRCHILD AFB WA 70-79 MAY YEARS STATION STATION NAME ALL PAGE 3 WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 18/ 37 26/ 35 £4/ S3 12 12 47 47 32 32 79 32 75/ 77 76/ 75 77 • 1 74/ 73 158 . 1 7 / 69 197 197 55/ 67 187 187 232 282 14/ 63 345 345 338 339 1.2 364 364 ں 9 1.1 1.0 • 7 59/ 57 496 496 168 56/ 55 536 536 310 14 1.2 1.9 54/ 53 1.8 606 606 445 1.6 66 51 574 1.2 574 612 86 50/ 49 2.7 1.7 559 559 726 167

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20/ 47

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24/ 43

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36/ 35

32/ 31

3 / 29

26/ 25

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22/ 21

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Dew Paint

28/ 27

39

USAFETAC

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≤ 32 F

Mean No. of Hours with Temperature

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188

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SLORAL CLIMATOLOGY BRANCH JEAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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ew Point			308		276			6.7			30	<u> </u>		89.5				 			74

SLOBAL CLIHATOLOGY BRANCH DATETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

FAIRCHILD AFB WA

69-78

JUN

0000-0200 HOURS (L. C. T.)

Temp.							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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Rel. Hum.		371	7951		560		62.4	15.7	89	8	98	10 €		32 F	≥ 67	F	: 73 F	> 80 F	≥ 93	F	Tetal
Dry Bulb		285	9312		501	88	55.9	7.7	86	8	98		$\neg \uparrow \neg$		9	•5	1.9		T.		90
Wet Bulb		217	6625		439	05	48.9	5.7	85	8	98							i	T-		90
Dew Point		165	1275		380	117	42.3	6.8	28		98		$\neg \neg$	5.7	1	\neg			T		90

SLOFAL CLIMATOLOGY BRANCH

AIR WEATHER SERVICE/MAC

LSAFETAC

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PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA JUN 0388-8569 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 2 3 4 5 6 7 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 33 D.B./W.B. Dry Bulb Wet Bulb Dew Poin

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7 / 69	Dry Bulb Wet Sulb															2	• 4			 		90
7 / 69	Rel. Hum.								13.7	66			201	F	± 32 F	≥ 67	F				7	
7 / 69	Element (X)		Σχ,	 		z x	7	¥		\top	No. OI	rs.	L		<u></u>	Moon N	o. of H	ours with	Temperati	Me.		
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BLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA JUN

PAGE 1 0680-0006 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | D.B./W.B. Dry Bulb Wet Bulb Dew Point

Ver Bulb			2836		459		50.5				80					`				+	
Rel. Hum.			8509		517		57.4				88	± 0 F	-	₃ 32 F	12		73 F	≥ 80 F	→ 93 F	 '	9
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SLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC FAIRCHILG AFB WA

PSYCHROMETRIC SUMMARY

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SICSAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-114 FAIRCHILD AFB WA

PAGE 2

0900-1100 HOURS (L. S. T.)

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BLOBAL CLIMATOLOGY BRANCH

AIR REATHER SERVICE/MAC

ESAFITAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA <u> 69-75</u> STATION NAME YFARS 1208-1453 HOURS IL. S. T.1 PAGE 1

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.S. Dry Bulb Wet Bulb Dew Point (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 =/ 9" F6/ 95 74/ 93 13 13 - / 85 18/ 87 24 16/ 85 37 3.1 1.0 38 . č 46 .6 1.1 1.2 46 1 / 79 .8 1.7 43 43 • લ 1.1 • है 1•3 7-1 77 • 5 43 47 1.4 1.4 1.2 <u>:5/</u> 75 53 53 4/ 73 .3 1,3 1.6 1.6 1.8 1.3 1.1 1.2 • 1 52 52 72/ 71 57 / 69 .5 2.9 1.7 1.2 53 ó3 -4 -4 1-4 1-4 2-5 1-3 -2 1-1 1-8 3-1 1-7 50/ 67 54 50 55/ 55 73 73 29 78 78 64/ 63 .9 1.8 1.1 1.3 1.1 1.1 1.7 .3 12/ 61 . 4 1.1 61 ól 63 5 / 59 1.5 53 90 • 6 • 2 53 58/ 57 . 3 1.2 46 46 99 B 56/ 55 .6 54/ 53 10 15 19 15 116 31 • 1 • Z F2/ 51 .8 110 45 5 / 104 68 48/ 47 58 71 46/ 45 44 151 44/ 43 163 42/ 41 67 4./ 39 72 3E/ 37 72 36/ 35 94 34/ 33 58 32/ 31 Element (X) Meen No. of Hours with Temp 267 F = 73-F = 80 F = 93 F Rel. Hum. 1 32 F 10F Dry Bulb Wet Bulb Dew Point

I BLOBAL CLIMATOLOGY BRANCH LRAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24114 FAIRCHILD AFB #A 69-78 JUY STATION STATION HAME 1236-1459 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 . 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 D.B. W.B. Dry Bulb Wer Bulb Dew Print (F) 1 / 2. 22 14 75/ 25 4 1.9 3.4 4.3 4.5 7.4 9.713.513.411.9 9.5 6.0 5.3 5.1 2.4 9:30 950 900 960 Ĩ ತ 0.26.5 Element (X) USAFETAC 39.416.306 1633549 35427 935 Rel. Hum. *67 F | *73 F | *90 F | *93 F s 32 F 70.313.13. 55.0 5.523 63237 4535567 900 52.9 Dry Builb 35.9 90 2798164 19464 900 9 G Wer Bulb 7.2 1658435 38083 90 De- Point

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FORM 6-26-5 (OL A)

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PSYCHROMETRIC SUMMARY

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CHILD AFR WA 69-78

STATION STATION AME

PAGE 1 1556-1730
HOURS (L. S. T.)

Temp.

WET BULB TEMPERATURE DEPRESSION (F)

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SLOBAL CLIMATOLOGY BRANCH

AIR WEATHER SERVICE/MAC

USAFETAC

PSY	CHROMETRIC	SUMMARY
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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2--14 FAIRCHILD AFB NA 69-78 JUN
STATION STATION NAME YEARS PAGE 1 18.0.2-20.00
HOURS (L. S. T.)

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5-6	7 - 8							21 - 22	23 - 24	25 - 26	27 - 2	8 29 -	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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- / 79]						• 1	4	. 3	. 7	. 6	• 6		.}	1	- 1		26	26		
73/ 77				;				• 3	• 8	1.3		1.7	•			+-			5.0	5 d		
76/ 75		1					. 1	. 8	١	1.3			•	.1	1	-	1		49	49		
74/ 73						• 2		• 9					•	+		_	$\neg \uparrow$		49	49		
72/ 7:		1					• 4	• 8		1.4	1.1			1		1	- 1		59	59		ĺ
7 / 69		1		• 1	. 1	• 4	• 7	1.4	2.2	1.4	• 7					1	_		64	64	2	
13/ 67		i :		.	• 6	. 4	• 7	. 7	1.0	1.4	• 3			į	1		[46	46	2	
56/ 55				• 4	• 1	• 9	1.9	1.8	1.7	• 9	·i			1		7			79	70	13	
54/ 63		. 2			• 6	1.8	1.9	1.6	1.8	. 7	. 2			!	<u> </u>				77	77	46	
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Rel. Hum.		- A		 			<u> </u>		-			= 0	F	± 32 F	-,	67 F		73 F	2 80 F	93 F		Total
Dry Bulb						<u>;</u>		 					-	- 34 5	 •	97 F	 - -					
Wet Bulb													-		+		 		 	+		
Dew Point																	├		 	+		
Daw Lount				I		- 1		i							1		•		1	1	i	

SLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA STATION NAME 1800-2000 Hours (L. S. T.) PAGE ? WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 × 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) ت/ °5 4/ 23 2/ 21 6 ·3 3.2 3.9 4.7 6.1 9.710.912.414.010.9 8.0 6.1 5.0 3.2 1.2 900 900 900 THIS FORM BEN'SE > 1 REVIOUS (OL A) 0.26.5 10 EM Element (X) ¥ 41.817.626 1852899 37633 900 ≥67 F ≥ 73 F = 80 F ≥ 93 F Rel. Hum. 5 0 F ⊴ 32 F 68-1 9-754 54-0 5-486 41-9 7-594 **→** USAFET 4264553 61328 900 46.6 29.7 98 Dry Bulb 2651993 90 900 Wet Bulb 48605 163/18/11 37697 900 90 Dew Point

SLUBAL CLIMATOLOGY BRANCH USAFETAC Ald Reather Service/Mag

PORM 0.26-5 (OLA) REVISED MENOUS EDITIONS OF THIS FORM ARE OLD OFFER AND 64

USAFETAC

PSYCHROMETRIC SUMMARY

74114	FA	IRCH	ILD					·		69-	78				EARS					ا ل Mon	<u>אר</u>
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t2/ 61		• 1	. 3			1.4		1.3	• 2					†	 -	!	 	68	68	19	2
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26/ 25																				ļ	5
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Wet Bulb			1658		460	32	51.1	5.5	C8	9	00										90
Dew Point		167	7662		383	20	42.6	7.1	60	9	00			6.	5						90

SLUBAL CLIMATOLOGY BRANCH AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA STATION NAME PAGE 1

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32/ 31		لحبيا			لـــــا				<u></u>	<u>L</u>	<u> </u>	Щ.			丄						L	L	<u> </u>	231
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Rel. Hum.												\perp	_ ≤ 0	F	± 32	F	نبإ	± 67	f :	73 F	≥ 80 F	≥ 93	F	Total
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Wet Bulb																					L			
Daw Point	1					1						ı –		- 1			1	_	1 -		1	1		

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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			51	ATION N	ame								127	nn 3			PAGE	1	DODO HOURS (L	-020
Temp.		-			WET	BULB 1	EMPER	ATURE	DEPRE	SSION (·)						TOTAL		TOTAL	
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35/ 67	<u> </u>										1						93	93	ų	
46/ 65	• 1				1.0			1.4		• 1							91	91	9	
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62/ 6:	. 4	1			2.1	2.8		• 1									85	85	26	
51/ 59	1.0	1.1						• 1		 							88	88	53	
55/ 57	1.2	1.2	- 6				• 6							-			81	81	87	
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Wet Buib		3852		488		52.5				30						6.6	• 4	 -		
Dew Point		1215		434		43.5				30			6.3		• 4		 			

SLCBAL CLIMATOLOGY BRANCH USAFETAC ATP *EATHER SERVICE/MAC

FAIRCHILD AFB WA

STATION NAME

25114

PSYCHROMETRIC SUMMARY

JUL

9300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint (F) 3/ 75 74/ 73 19 19 • 1 51/ 57 1.6 49 49 2 1.0 1.1 ~6/ 65 2.3 81 81 -4/ 63 1.0 1.5 2.4 1.7 95 95 3.2 1 59 1.7 2.3 1.2 120 120 32 3 1.6 87 87 69 1.9 2.2 2.6 1.7 .5 .5 2.3 1.3 56/ 55 28 1.9 183 103 102 £4/ 53 135 60 2.0 2.5 52/ 51 75 75 1 . 7 148 . 8 60 5 / 49 • 5 42 42 115 69 26 49/ 47 26 94 1.3 1.0 74 127 44/ 43 5 t 107 87 41/ 39 87 . 2 38/ 37 64 . 1 30/ 35 69 34/ 33 34 72/ 31 23 8 72/ 27 10 26/ 25 TOTAL .2 8.114.217.718.017.812.3 7.2 3.7 1.1 930 930 930 930 Element (X) No. Obs. Mean No. of Hours with Tomperature Rel. Hum. 3612155 56309 60.216.040 930 ≥67 F = 73 F = 80 F 58.9 6.613 51.2 5.396 44.2 7.337 3259466 54798 930 Dry Bulb 11.4 93 Wet Bulb 2464271 47609 930 93 1869109 Dew Point 41131 930

69-78

(OL A) REVISED MENDUS EBITIONS OF THIS FORM ARE OBS

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Realthana Appril 2

SSECTAC
SIR MEATHER SERVICE/MAC

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BLOBAL CLIMATOLOGY BRANCH

PSYCHROMETRIC SUMMARY

PAGE 1 0600-0800 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 + 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 14/ 83 11 14 8 / 79 75/ 77 76/ 75 1.1 41 41 1.4 ~4/ 73 50 59 72/ 71 1.3 59 59 1.7 ·1 ·1 1·4 .3 1.3 1.9 58/ 67 . 4 2.5 84 84 • 2 • 5 55/ 55 96 .8 1.4 2.2 96 54/ 63 .4 1.4 2.2 2.7 94 85 85 £21 61 ·6 1·5 1·6 2·6 2·7 44 5 / 59 • 2 .9 1.2 3.2 1.8 1.2 35 85 79 .6 1.1 1.7 1.2 1.7 56/ 55 72 1.2 1.2 2.3 1.7 1.3 72 149 41 41 41 136 .5 1.7 1.1 66 25 15 25 15 54/ 5. .9 1.2 89 127 5 / 49 82 81 . 3 72 45/ 47 • 4 91 • 2 45/ 45 126 44/ 43 • 1 118 42/ 41 78 43/ 39 84 36/ 37 36/ 35 26 34/ 33 32/ 31 12 78/ 27 7.512.615.116.716.613.2 7.4 4.6 JATGI 929 929 929 Element (X) No. Ohs. ¥ Mean No. of Hours with Temperature 2099873 929 50801 54.715.463 ⊴ 32 F 33.7 Dry Bulb 3832982 929 93 59298 63.8 7.192 Wet Bulb 2746082 50290 54.1 5.055 929 93 Ber Point 2020585 42875 46.2 6.673

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GLOBAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION AFB WA

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PAGE 1

3930-1103 HOURS (L. S. T.)

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USAFETAC NORM 0.26-5 (OLA) RIVIER REVOUS EDITIONS OF THIS

PSYCHROMETRIC SUMMARY

TOTAL

SLOBAL CLIMATOLOGY BRANCH CSAFETAC Alk Weather Service/Mac

FAIRCHILD AFB WA 0900-1100 HOURS (L. S. T.)

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GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

NOEM 0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

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SLCBAL CLIMATGLOGY BRANCH LAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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BLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR REATHER SERVICE/MAC

7-114

FAIRCHILD AFB WA

STATION NAME

PSYCHROMETRIC SUMMARY

JUL

STATION PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 1 79 7 15 °5/ 98 15 - 1 1.3 ,4/ 93 1.4 2.2 37 37: 2. / 0 2.6 2.9 33 2.4 83 · / 89 1.5 • 3 1.6 2.5 1.4 75 75ⁱ 1.1 1.2 . 4 \$8/ 87 2.2 55 65 59 69 54/ 33 • 3 53 53 70 70 3: / 79 • 1 2.7 1.5 63 63 54 54 76/ 75 1.5 1.2 1.0 1.9 58 58 ~4/ 73 1.5 2.2 1.1 74 74 • 3 • 1 1.3 1.3 38 38; 72/ 71 • 5 44 34 • 3 54/ 67 24 24 23 56/ 55 64/ 63 . 9 35 35 60 2 • 5 . 1 18 15 113 8 146 19 59 5 165 .2 58/ 57 9; 118 16 50/ 55 106 32 81 54/ 53 32 :2/ 51 50 28 53/ 45 35 61 48/ 47 61 46/ 45 67 44/ 43 97 42/ 41 83 43/ 39 39 39/ 37 37 36/ 35 87 347 33 67 ZX Rei. Hum. *67 F *73 F *80 F =93 F 2 0 F 1 32 F Dry Bulb Dew Point

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PSYCHROMETRIC SUMMARY

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4114 FAIRCHILD AFB WA 24:14 69-78 STATION NAME 1508-1700 HOURS (L. S. T.) PAGE 2

WET BULB TEMPERATURE. DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 40 32/ 31 3 / 29 28 26/ 27 16 ეგ/ 25 9 24/ 23 8 TOTAL ·9 2·2 1·1 3·7 3·2 4·7 6·5 9·4 9·211·1 9·011·210·8 8·9 9.4 930 930 930 93 Mean No. of Hours with Temperature Element (X) No. Obs. 910575 930 27.814.318 32 F 267 F 273 F 280 F 293 F Rel. Hum. 25379 ± 0 F 74991 80.6 9.537 54699 58.8 4.734 38826 41.7 8.010 930 84.8 74.2 Dry Bulb 6131437 93 Wet Bulb 3238003 930 93 10.2 Dew Point 1680522 930 93 SLOBAL CLIMATOLOGY BRANCH
USAFETAC
AJR WEATHER SERVICE/MAC

Wet Bulb Dew Point

PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFB WA 69-78 STATION STATION NAME PAGE 1 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point ./ 99 98/ 97 96/ 95 14/ 93 ca/ 91 27 1.1 1.0 9~/ 89 1.1 38/ S7 54 1.9 54 85 52 84/ 83 71 1.7 1.9 71 82/ 81 2.2 74 1.2 2.2 63 63 78/ 77 77 77 75/ 75 1.6 1.3 63 63 74/ 73 59 72/ 71 1.1 75 75 1.2 1 69 65 58/ 57 1.7 •5 1•1 38 38 66/ 65 48 54/ 63 28 88 5 28 62/ 61 30 30 64/ 59 11 155 15 11 58/ 57 131 56/ 55 39 12 134 12 54/ 53 101 30 52/ 51 38 71 5_/ 49 48 62 46/ 45 79 44/ 43 90 <u>75</u> 39 92 32/ 37 86 36/ 35 86 34/ 33 63 Element (X) Mean No. of Hours with Temperature Rel. Hum. 267 F ≥ 73 F ≥ 80 F ≥ 93 F 40 F ± 32 F Dry Bulk

GLOBAL CLIMATOLOGY BRANCH USAFETAC ALR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

78.3 6D.5

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267 F 273 F 280 F 293 F

93

93

2#214 FAIRCHILD AFB WA STATION NAME PAGE 2 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point E. / 3: 45 22 25/ 27 16 76/ 25 24/ 23 9 4 ? / 19 TOTAL · 5 2· 4 2· 0 3· 3 4· 5 4· 1 7· 1 9· 810· 810· 211· 410· 5 8· 5 7· 7 4· 7 2· 3 930 930 930 930

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Element (X)

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Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

FAIRCHILD AFB WA 24114 STATION 0.26.5 (OL A)

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AIP WEATHER SERVICE/MAC

USAFETAC

PSYCHROMETRIC SUMMARY

2170-2300 Hours (L. S. T.) 246E 1

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Dew Paint			-					<u> </u>		,											

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA 24,14 69-78 JUL STATION NAME PAGE 2 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 2/ 2:1 3 TOTAL <u>3.2 5.2 6.5 6.2 6.911.312.312.311.911.3</u> 930 930

930 Element (X) zx X No. Obs. Mean No. of Hours with Temperature Rel. Hum. 43.417.933 68.0 7.987 2 :52469 42385 930 2 0 F ⊴ 32 F ≥67 F = 73 F = 80 F = 93 F Dry Bulb 63244 4360132 938 53.4 28.9 Wet Bulb 50676 54.5 5.106 2785576 930 - 9 93 42.9 8.285

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<u>છ</u> 0.26.5 C 634 USAFETAC

Dew Point

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GLOBAL CLIMATOLOGY BRANCH USSEETAC

FAIRCHILD AFB WA

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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/ 89			-							• 1	• 1	• 1	• 1	• 7	- 8	• 6	• 4		213		
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GLOBAL CLIMATOLOGY BRANCH JSFETAC AIR WEATHER SERVICE/MAC

29114

FAIRCHILD AFB WA

STATION NAME

PSYCHROMETRIC SUMMARY

PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 34/ 331 356 231 3 / 29 121 84 26/ 25 35 22/ 21 7 / 19 TOTAL ·1 3·1 5·3 7·0 7·7 9·7 9·9 9·8 9·1 8·1 7·0 6·2 4·8 4·5 3·6 2·5 1·8 7438 7438 7438 Mean No. of Hours with Temperature No. Obs. Element (X) 42.819.462 Rel. Hum. 16415249 318033 7438 =67 F =73 F =80 F =93 F Dry Bulb 7438 442.6 297.2 168.3 14.8 744 37684339 522889 70.311.223 413640 55.6 5.716 325149 43.7 7.771 Wet Bulb 23246254 7438 15.8 744 Dew Point 14662853 7438 744

(OLA) 0.26.5 GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB MA

PASE 1

0070-0200 HOURS (L. S. T.)

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(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Poin
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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34 14 FAIRCHILD AFB WA
STATION NAME

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PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA 69-78 AUG
STATION NAME YEARS MONTH

PAGE 2 0005-0200

WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) .3 5.2 8.712.512.210.012.513.012.4 7.4 3.9 1.8 930 939 930 Element (X) No. Obs. *73 F | *90 F | *93 F 51.119.118 62.1 6.938 2772588 ≤ 0 F 47568 930 ⊴ 32 F ≥ 67 F 93 Dry Bulb 3633411 57771 930 24.1 Wet Buth 2496799 49017 51.6 4.356 930 93 Dew Point 39081

SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR REATHER SERVICE/MAC 24114 FAIRCHILD AFB WA 69-73 AU6 0300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) £/ 75; -4/ 73 72/ 71 •6 •5 13 • 2 13 . 9 1.d 25 7 / 59 25 1.0 • 6 ÷2/ 67 1.4 42 42 6/ 65 . 9 (1.9 71 71 .4 1.5 2.3 1.8 .5 1.5 1.5 2.3 ~4/ 53 1.9 2.4 108 108 89 89 .4 .5 1.1 2.2 2.5 .3 2.2 2.4 1.9 2.1 . 1 ٤ / 59 1 100 100 18 FF/ 57 197 107 56 54/ 55 1.4 1.9 3.3 1.7 1.8 101 101 89 26 £4/ 53; 1.3 2.7 2.2 1.9 1.1 (124 88 88 38 F2/ 51 .2 1.3 2.8 2.7 1.9 .1 .9 2.4 .5 .1 . 2 88 88 170 61 5 / 49 <u>• 1</u> 39 39 146 76 -6/ 47 •9 •6 31 -3 1-2 • 1 31 137 67 · qi 45/ 45 14 14 111 129 24/ 431 95 • 2 •4: •1 38 12/ 41 21 157 4 / 39! 10 87 36/ 37 80 36/ 351 69 34/ 33 37 32/ 31 26 3:1 29 16 27 28/ 5 5 3 3.915.517.015.313.811.9 9.2 4.9 2.5 TOTAL 930 930 õ 930 930 0.26.5 \$ \$ Element (X) Rel. Hum. 55238 930 59-417-814 3575714 4 8 F 247 F 273 F 280 F 293 F 1 32 F 54274 46871 58.9 6.223 50.9 4.396 Dry Bula 3203364 930 93 2350201 930 93 Wet Bulb

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SLOBAL CLIMATOLOGY BRANCH USIFETAC AIP MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24:14 FAIRCHILD AFS WA 69-78
STATION STATION HAME 69-78

PAGE 1 26:20-28-26

PAGE 1 3638-0805

Temp,							BULS 1										TOTAL		TOTAL	
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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATP WEATHER SERVICE/HAC FAIRCHILD AFS MA 59-78 STATION MAME 9999-1198 PASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B./W.B. Dry Sull Wet Sull Dev Print · / ý. c / 89: •2 •2 ES/ 37 23 20 • 1 .67 85 27 27 24/ 33 .9 1.1 1.3 2.7 35 35 5:7 8'. 59 59. 5 / 79' .3 1.9 1.7 1.5 56 .6 1.4 1.5 1.5 1.2 7:/ 77 .5 1.1 2.2 1.9 2.3 .4 2.5 1.4 1.9 .5 82 52 ~4/ 73 72 • 1 .6 1.4 1.6 2.5 1.0 •5 .4 1.2 2.2 2.3 1.5 1.5 36 36 .5 • 9, •9 1•7 1•Q •2 51 55/ 65 .6 1.2 1.2 1.4 .9 26 54 .2 1.5 1.6 1.5 1.2 54/ 63 -3 59 65 ·4 1.3 2.2 1.2 1.1 50 . 4 • 5 1.1 1.1 - 1 39 163 6 •5 25 <u> 152</u> 25 14Z 127 55/ 55 •8 • 5 42 • £ 54/ 53 • 3 . 1 8 53 52/ 51! 91 -1 5 / 491 108 ==/ 47 19G 55/ 45 124 =4/ 43: 90 42/ 41 99 E"/ 39 65 ₹ 38/ 37 53 36/ 35 38 ತ 34/ 33 0.26.5 32/ 31 5 3 / 29 28/ 27 3 \$ \$ 26/ 25 Element (X) Mean Ho. of Hours with Tongs 267 F - 73 F - 20 F - 93 F 20F ± 32 F

Wer Bolb Dew Pains

24114 STATION WET BULB TEMPERATURE DEPRESSION (F)

GLOBAL CLIMATOLOGY BRANCH

USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 2

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PSYCHROMETRIC SUMMARY

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PAGE 2 1200-1400

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PSYCHROMETRIC SUMMARY

ZK114 FAIRCHILD AFB WA 69-78 AUG YEARS STATION NAME PAGE 2

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 34/ 33 51 36 2 / 29 29 28/ 27 14 >4/ 23 7 22/ 21 4 · 1 1. 1 1. 3 2. 0 1. 9 1. 9 4. 6 5. 7 7. 1 8. 9 8. 3 8. 1 8. 213. 6 9. 3 9. 1 8. 2 TOTAL 929 929 929 929 No. Lbs. Element (X) X 29.115.878 1,021061 27941 929 ≥67 F | =73 F | =80 F | =93 F 79.7 9.925 5998348 929 Dry Bulb 74078 70.1 51.0 93 82.7 58.4 4.031 41.7 7.055 Wet Bulb 3186908 54300 929 93 1665261 38783

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC F RCHILD AFB WA 24114 69-78 STATION NAME YE ARS 1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 %2/ 97 96/ 95 94/ 93 . 6 02/ 91 1.3 9 / 89 1.4 29 29 58/ 87 32 56/ 85 1.0 2.7 52 52 48 2.0 32/ 821 73 73 1.1 2.0 2.0 8 / 79 1.8 1.7 59 76/ 77 2.4 . 1 1.4 76/ 75 1.7 72 1.5 1.5 74/ 73 1.7 1.4 68 71 65 7 / 69 •9 1•9 1•2 1•0 1.3 62 62 48 1.0 1.5 1.5 66/ 65 1.0 1.2 50 50 10 64/ 63 44 49 52/ 61 37 95 • 5 • 1 31 22 149 10 56/ 55 20 20 131 27 54/ 53 146 52/ 51 99 54 51/ 49 53 65 53 46/ 45 93 44/ 43 84 42/ 41 94 ತ 90 43/ 39 38/ 37 98 36/ 35 71 34/ 33 57 32/ 31 43 Element (X) 267 F 273 F 280 F 293 F Rel. Hum. ±0 F 1 32 F

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Element (X)	-	ZX'	<u> </u>	t^{-}	ZX		X	7,		No. Ol	s.	·			Mean	No. of t	lours wit	h Tempere	ture		
Rel. Hum.			4045		320	01	34.4				30	⊴ 0	F	± 32 F	≥ 67		≥ 73 F	= 80 F	* 93	F	Total
Dry Bulb			8651		690	8 1	74.3	0 - 2	62		30		- -			.3	53.8			. 4	9:
Wet Bulb					523										 ''	• 3	3300	300	* 	• 3	
			0362				56.3	704	74		30				-			 			9:
Dew Paint		164	2518	<u> </u>	384	74	41.4	7.4	23	9	30			11.1	1	L		<u> </u>			93

SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) 56/ 35 84/ 83 92/ 31 • 1 24 24 26 26 73/ 77 1.1 1.6 36 36 1.8 74/ 1.9 1.3 61 61 72/ 7: 89 7 / 69 1.5 1.1 87 c 5/ 67 74 65/ 65 1.6 2.5 1.3 95 95 64/ 63 1.4 82 25 52/ 61 2.0 1.0 68 68 61 58/ 57 1.4 • 3 36 36 128 11 56/ 55 56 143 54/ 53 1.1 1.1 • 1 35 35 146 35 24 172 61 5 / 49 139 57 59 85/ 47 66 46/ 45 33 13 86 44/ 43 95 u2/ 41 86 4:/ 39 72 38/ 37 80 34/ 33 41 32/ 31 44 3 1 29 36 28/ 27 24 26/ 25 12 22/ 21 18/ 17 Mean No. of Hours with Temperature Rel. Hum. ±0 F ⊴ 32 F

C) C) USAFETAC

Dry Bulb Wet Bulb Dew Point

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SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC 21 114 STATION FAIRCHILD AFB WA Temp. (F) 1:/ 15:

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2651840

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Ĩ EDITIONS OF

(OLA)

Wet Bulb

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67,5 USAFETAC

The state of the s

PSYCHROMETRIC SUMMARY

PAGE 2

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93

93

and the same of the same and 26 | 27 - 28 | 29 - 30 | ± 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point .1 3.1 6.3 7.1 8.3 9.21G.C 9.811.413.5 9.5 7.9 93<u>n</u> 93d 930 Rel. Hum. 43.918.999 ± 32 F 267 F 273 F 280 F 293 F 2124042 43786 930 Dry Buib 61810 66.5 7.744

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49508 53.2 4.190 38553 41.5 7.641

49508

69-78

I SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** US#FETAC AIR WEATHER SERVICE/MAC €. FAIRCHILD AFB WA 69-78 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2/1 ../ 59 97 27 27 96/ 95 44 94/ 93 73 73 . 1 • 3 101 101 2 / 89 144 144 38/ 87 164 164 36/ 83 212 212 £4/ 83 223 827 81 1.1 346 346 • 2 / 79 288 288 319 319 368 368 74/ 73 379 379 7) 421 7 / 69 •5 470 1.0 1.5 478 429 429 66/ 67 66/ 65 559 559 120 1 1.1 1.7 64/ 63 537 537 354 486 595 52/ 61 . 1 / 59 420 420 849 57 1.0 372 372 963 121 56/ 55 998 376 1052 54/ 53 264 264 309 212 212 931 526 52/ 51 50/ 49 99 100 690 602 - 1 • 1 456 587 48/ 47 • 1 24 46/ 45 . 1 24 845 97 753 44/ 43 42/ 41 47 751 685 38/ 37 547 Element (X) Mean No. of Hours with Tomperatu ± 32 F Dry Bulb Wet Bulb C SS

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SLIBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC 24114 FAIRCHILD AFB & STATION STATE

0.26.5 (OL A)

PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFB WA 69-78

STATION STATION NAME

PAGE 2

MONTH

PAGE 2

A STATE OF THE PARTY OF THE PAR

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 3-/ 33 311 263 29 172 3/ 27 87 ²5/ 25 44 74/ 23 20 ?2/ 2: 17 2 / 19 28/ 17 ·4 3.9 6.5 7.6 8.3 8.3 9.3 9.4 9.2 8.1 6.8 5.7 4.7 4.8 2.9 2.2 1.9 LATET 7438 7438 7438 No. Obs. Mean No. of Hours with Temperature Element (X) +67 F =73 F = 30 F =93 F 402-5 270-4 147-6 16-1 Rel. Hum. 17460136 326126 ±0 F ± 32 F 43.820.616 7433 Dry Bulb 36403580 513660 59.011.215 7439 744 Wet Bulb 497666 54.8 5.166 22542880 7438 744 1.6 Dew Point 14152270 320074 7438

JOAFETAC AIR WEATHER SERVICE/MAC

SLOBAL CLIMATOLOGY BRANCH

PSYCHROMETRIC SUMMARY

24114 STATION FAIRCHILD AFE WA YEARS

And the second s

7696-0289 HOURS (L. S. T.) PASE 1

Temp.							BULS 1											TOTAL		TOTAL	
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= 5/ 57'		. 4	1.	1.8	2.2	2.8	2.4	• 6	• 2	ì	<u> </u>							193	103	3	
56/ 55.		1.2	2.3	1.3	1.8	2.0	1.1			<u> </u>	!						<u> </u>	95	95	28	
-4/ 53	• 3	5 - 5	2.3	2.5	2.9	8	• 2	•1	Ī	!	I			i				91	91	66	
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Wet Bulb			28946		413		46.5				89			1.3				}			
Dew Paint		181	3495		353	28	39.2	7.0	1.7		200			18.8				1	1	1 -	

SLOPAL CLIMATOLOGY BRANCH UTAFETAC ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB MA

PAGE 1

Temp.						WET	BULB 1	EMPER	ATURE	DEPRI	SSION	(F)						TOTAL		TOTAL	
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Rel. Hom.			6981		530	<u> </u>		16.7			200	30	e l	1 32 F		67 F	• 73 F	- 80 F	- 93	F	Total
Dry Bolb			4495		445		49.5				000		`		6	.5		+	+		90
Wer Bell			2511		402			5.6			200		-+-	2.	_	3		+	+		98
Dev Point			5173		354						200			17.				+	 		90
TAN LOUNT			2717	3	334	D []	37.4	7.6	74_	`	עטי			11.	<u> </u>						3/1

AIP WEATHER SERVICE/MAC USAFETAC NAME 0.26-5 (OLA) ATMIST NUMBUS INITIONS OF THIS FORM AND OLD OLITIES

SLOBAL CLIMATOLOGY BRANCH

PSYCHROMETRIC SUMMARY

3600-0800 HOUPS (L. S. T.)

Temp.						TEMPER!										TOTAL		TOTAL	
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Dry Bulb	24038					6.7			98	305		. 4			- /3 F	1	+ - 73 '		90
Wer Solb	19397		414			5.8			98		+	1.5		'1 -		!	+	-+-	90
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POEM P. 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FOLM ARE OLSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

TOTAL

24114 FAIRCHILD AFB WA 69-78 STATION STATION NAME YEARS MONTH

WET BULB TEMPERATURE DEPRESSION (F)

PAGE 1 0900-1100

(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Paint
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74/ 73				i			_ • 1	• 4	• 6	• 9	. 7							25			
72/ 71	į		1	-	į	• 1	• 9			• 9	• 2	• 1		1				42) }
7 / 69				<u>• 4</u>			1.2			. 9							J	6.3			
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56/ 65			• 1		• 6				1.6	• 2				<u> </u>	<u> </u>		<u> </u>	69	69		<u> </u>
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52/ 5i				1.6				• 9	8						 		_	87			
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53/ 57		.1	. 7						<u>• 2</u>					 				78			
56/ 55		• 7	• 6		1.5		1.1		• 1					(1			67			15
34/ 53		1.1	2.2	1.7	1.4	3	• 8	• 4		ļ					 -		-	72			
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15/ 15		T ::2	L		<u></u>					N- 6'	<u></u>	لـــا			<u> </u>		4	L Tamas ::	L	<u> </u>	3
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								 				± 0 [-	⊴ 32 F	2 67		≥ 73 F	> 80 F	≥ 93	- -	Total
Dry Bulb Wet Bulb						-		 					-		├			├			
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Dew Point						!_		<u> </u>										<u> </u>			

GLCBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIP WEATHER SERVICE/MAC FAIRCHILD AFB WA 69-78 STATION NAME YEARS PAGE 2 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 14/ 13 5.3 8.011.112.614.917.114.2 8.7 5.9 1.7 900 900 900 900 8 ತ Mean No. of Hours with Temperature Element (X) Rel. Hum. 2731615 47001 52.217.555 900 267 F 273 F 280 F 293 F 54537 60.6 7.899 45630 50.7 5.498 3360857 980 Dry Bulb 900 90 2340618 Wet Bulb 41.6 7.779

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 114 FAIRCHILD AFB WA 69-78 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 ≥ 31	D.A. W.B.	ry Bulb	Wet Bulb	Dew Point
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28/ 87								i					_ • 2	. 2	•2	_	6	5		
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84/ 83											. 7	- 4	6				16	16		
94/ 81			. [. [i	• 2	• 1	• 3	• 4			- [23	23		
° / 79			<u>:</u>		!				• 1	• 6			1.3				45	45		
75/ 77		ĺ	'		!			• 2	• 6	• 4			• 6	•		Í	46	46		
6/ 75								•2	- 8		2.1	1.3	• 4				63	63		
74/ 73				ţ				1.7	2.1	1.4	1.9		• 2			İ	68	68		
72/ 71						•2		1.1	1.6					ļi			61	61		
7 / 69				• 2	• 1				1.7	1.0						1	60	60		
03/ 67		 i	- 1			- 8			1.0					 	 -		65	65		
46/ 65				ا	• 1			1.1	1.4	1.5				[66	66		
54/ 63		<u> </u>	• 1					1.0	1.7					 	<u> </u> -		77	77		
62/ 51 5 / 59		3	- 1							1.0		1				- 1	66	66 49		
58/ 57		• 2						_	• 4						 -		50	50		
56/ 55		.6	,									[]]		- 1	41	41		
54/ 53		. 4												 	 -		32	32		
52/ 53		3		.7	٠,				• •			1) [1	1	33	33		37
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46/ 45				• 1													1	1	75	
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32/ 31																	44			39
37/ 29		ı İ					į .					1 1		i i	1 1		1 1			39
28/ 27		 					<u> </u>			<u> </u>		<u> </u>		<u> </u>	 _					44
26/ 25												{				- [1			29
24/ 23		لبيا					<u> </u>			<u></u>	L			<u> </u>	للسيا					13
Element (X)		ΣX,			Σχ		X	<u>**</u>		Ne. Ol	8.			- 40.5	·		ith Temperate	~ -	- 1	
Relation.												± 0 €	-	≤ 32 F	≥ 67 F	≥ 73 F	≥ \$0 F	≥ 93 1		Total
Wet Bulb	2 - 2 - 7							 							 		+	+		 -
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SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 24314 FAIRCHILD AFB WA STATION STATION NAME YEARS 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 12/ 21 10 / 19 1 C 16/ 15 :4/ 13 TOTAL 900 930 3.2 4.4 3.8 4.2 8.710.113.214.713.311.2 5.9 4.1 2.7 . 2 985 ₹ 9 0.26.5 Mean No. of Hours wish Temperature Element (X) 1736010 36090 40.117.923 900 ≥67 F = 73 F = 80 F = 93 F Rel. Hum. ±0 F 2 32 F 900 Dry Bulb 4.196884 60172 66.9 9.868 46.0 27.4 90 52.6 5.483 39.6 8.520 2513540 47306 900 98 Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC Ě 5.5 € (3 8 8 3 5 3 7 74/ 73 72/ 71 1 69 1.3 1.6 1.0 1.3 1.0 1.0 68/ 67 1.7 1.1 3.1 ·1.0 56/ 65 54/ 63 52/ 61 oc/ 59 58/ 57 54/ 53 •6 52/ 51 5'/ 49 • 1 48/ 47 46/ 45 44/ 43 42/ 41 38/ 37 34/ 33 32/ 31 3 / 29 28/ 27 26/ 25 6260 ე b∂b usafetac

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PSYCHROMETRIC SUMMARY

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																		PAG	E 1		-1700 L. S. T.)
Temp.						WET	BULB	TEMPE	RATUR	E DEP	RESSION	(F)						TOTAL		TOTAL	
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8/ 87		L				1	İ				_ i	<u>.i</u>	<u> </u>	4	• 3	.1	L	8	88		<u> </u>
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46 81 40 70 80 79 93 80 68

64 61 42 50 32

Element (X) Σχ No. Obs. Mean No. of Hours with Temperature ⊴ 32 F ≥ 73 F Dry Bulb Wet Bulb

SLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC FAIRCHILD AFB WA 69-78 SEP STATION NAME 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point .21 21 20 8 13/ 17 5 4 14/ 13 2 TOTAL 900 -4 2.3 4.3 3.3 3.8 5.9 8.411.310.814.012.312.1 5.3 3.9 1.3 9.30 900 900 9 32 33191 33191 Mean No. of Hours with Temperature No. Obs. Element (X) 36.918.057 247 F = 73 F = 80 F = 93 F 1517165 900 Rel. Hum. 10F 132F 68.0 9.502 52.4 5.419 38.0 8.558 O USAFET Dry Bulb 4236931 61157 900 90 2500936 47192 900 90 Wet Bulb 1367489 90 Dew Point

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAIRCHILD AFB WA PAGE 1

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Temp.						WET	BUI B T	EMPER.	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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35/ 57		. 3	.9	1.0	1.3	. 9		1.4	.7]]			1			73	73		1
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Element (X)		Σχ²			E X	\Box	Ī	₹ _Z		No. Ob	s.				Mean	No. of H	ours wit	h Temperet	ure.		
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Dry Bulb																					
Wet Bulb															ΤΤ			I			
Dew Point																					

SLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 20124 FAIRCHILD AFS WA SEP STATION STATION NAME 1808-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 | 1-2 3-4 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 231 | D.B./W.S. Dry Bulb | Wet Bulb | Dew Point (F) ŧ 8/_17 15/ 15 4 1. 4.9 6.3 6.9 9.210.211.913.312.9 9.9 7.4 3.2 1.3 900 930 900 ತ 0.26.5 Element (X) USAFETAC 2197476 40770 45.319.748 900 267 F 273 F 20 F 472 F Rel. Hum. ± 32 F 61.9 8.736 49.9 5.374 38.2 8.410 55679 3513223 90 900 23.0 Dry Bulb 11.2 2265778 44898 900 90 1374381 903 Dew Point

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA 24114 SEP PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 75/ 77 76/ 75 74/ 73 • 1 72/ 71 • 1 65/ 67 1.5 1.1 56/ 651 .2 1.0 58 72 72 52/ 51 7 Z 72 71 •1 1•1 1•1 2•1 1•7 2•4 2•5 •3 •7 •8 1•2 1•2 1•7 1•2 132 58/ 57 102 2 55/ 55: 74 1.0 54/ 53 .1 1.0 1.9 2.0 1.4 1.8 1.7 74 8 52/ 51 .1 1.3 1.7 1.9 20 50/ 49 70 70 .3 1.6 1.9 1.2 1.4 126 48 132 75 45/ 45! 38 120 38 69 • 8 04/ 43 24 78 80 .4 .1 .3 .1 42/ 41 16 16 66 4 / 39 48 31 38/ 37 78 36/ 35 76 34/ 33 54 62 3 / 29 34 25/ 25 40 18 22/ 21 11 18/ 17 5 15/ 15 14/ 13 676 Mean No. of Hours with Temperature 267 F 273 F 20 F 293 F Rel. Hum. ≤ 32 F Dry Bulb Wet Bulb

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CLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR MEATHER SERVICE/MAC 21.14 FAIRCHILD AFB WA 69-78 SEP YEARS STATION STATION HAME 2100-2300 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 9.311. 112.812.817.115.2 9.3 6.8 2.3 1.0 TITAL 900 900 970 € €. C į , (Or 0.26.5 Element (X) Mean Ho. of Hours with Temperature 55.219.194 55.9 7.226 49657 900 247 F 273 F 280 F 293 F Rel. Hum. 3081421 10F 1 32 F 2862719 53323 900 90 47.4 5.395 2044551 42621 900 90 Wet Bulb 1393611 34617 38.5 8.313 900 21.5 Dew Point

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SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION STATION HAME STATION HAME YEARS

PAGE 1
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52/ 51	Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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Rel. Hum. 2 0 F 2 32 F 2 67 F 2 73 F > 80 F 2 93 F Torel Dry Bulb	24/ 23		1									<u> </u>	<u> </u>]		96
Dry Bulb War Bulb	Element (X)		ZX3			ZX		X	•		No. O	8.				Meen No	of He	wrs wit	h Temperati	V10		
Wer Bulb													± 0 €	: 2	32 F	2 67 F	•	73 F	→ 90 F	= 93 1		Total
	Dry Bulb									L							\Box					
Dew Paint	Wet Bulb						\perp															
	Dew Point													\Box								

SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA 69-78 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 73 21 2: / 19 10/ 17 22 25 14/ 13 18 5 12/ 11 3 1.71 - 612 - 511 - 911 - 411 - 2 9 - 9 8 - 5 7 - 6 5 - 6 7198 7198 7198 (OLA) 0.26.5 Mean No. of Hours with Temperature Element (X) No. Obs. USAFETAC 32F *67F *73F *00F *93F 1.0 153.3 76.0 20.6 24393130 389070 54.121.616 7198 ± 32 F 58.310.280 43.7 6.233 25218792 419578 7193 720 Dry Bulb 17359249 350527 7198 6.2 720 Wet Bulb Dew Point

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SLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY CAFETAC AIR WEATHER SERVICE/MAC 24:14 FAIRCHILD AFB WA <u>69</u>-75 OCT STATION STATION NAME 2000-0200 PAGE 1 MOURS (L. S. 7.) WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 75/ 55 • 1 54/ 63 -21 61 3 • 2 5 / 59 • 1 55/ 57 •1 • 1 5=/ 55 19 54/ 53 24 24 24 5 / 49 .5 2.4 1.4 2 1.1 52 52 18 15/ 47 .4 1.5 4.4 2.2 52 82 41 e é / 45 .6 3.3 3.2 2.2 1.1 .3 33 98 98 63 44/ 43 .5 4.1 3.5 3.3 • 4 120 120 113 54 • 5 -2/ 41 . 3 1.7 4.6 4.1 3.2 . 4 131 192 67 131 .6 4.5 3.4 2.3 37 .5 2.5 3.7 •6 1.7 119 97 .3 2.7 2.5 1.2 5:7 35 97 27 67 34/ 33 .6 2.3 1.3 50 53 96 75 •1 86 72/ 31 .4 1.3 1.Q 23 65 3 / 25 17 95 • 5 17 44 23/ 27 76 267 25 36 . 1 2 34/ 23 <u> 26</u> 22/ 21 24 1 19 22 12/ 17 .1 9 14/ 7 13! õ 9 4 5 1 6/ 4/ 21 Element (X) Mean No. of Hours with Tomperets USAFETAC Rel. Hum. Dry Bulb Wet Suib

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PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA 7-:14 69-78 OCT STATION MANE TEARS 6856-8568 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-18 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 5-229-731-819-4 8-5 3-4 1-5 930 930 933 ಠ 0.36.5 Element (X) 5139999 67551 930 Rel. Hrm. 72.615.949 20F 132 F 267 F 273 F 280 F 293 F 935

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

 21/114
 FAIRCHILD AFB WA
 69-78
 OCT

 STATION
 STATION NAME
 YEARS
 MONTH

 PAGE 1
 0300-0500

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIP WEATHER SERVICE/MAC 2"114 FAIRCHILD AFB WA 69-78 OCT STATION NAME 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bu'b Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 52/ 61 50/ 55 54/ 53 . 1 11 11 1.1 2.7 5 / 49 • 5 15 4 32 32 46/ 47 1.7 1.9 58 45 • 8 4.9 3.8 111 111 33 4.1 2.7 44/ 43 50 82 82 81 42/ 41 .2 6.6 3.C 109 109 110 3.1 131 131 115 102 38/ 37 3.9 2.9 1.2 87 87 116 118 76/ 35 1.1 5.1 83 99 86 4 . 7 34/ 33 . 8 1.5 71 97 91 71 31 1.2 2.7 91 321 1.3 51 <u>5</u>1 72 . 3 3 / 29 .9 1.5 24 51 82 267 27 34 47 351 25 18 50 24/ 23 27 221 24 21 2./ 19 11 18/ 17 14 14/ 13 2 12/ 11 10 1.1 9 5 8 ĝ 2 938 930 930 72946 78.414.731 Element (X) No. Obs. Mean No. of Hours with Temperature () VFETAC 5923222 930 ± 0 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. ± 32 F

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PSYCHROMETRIC SUMMARY

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SLOBAL CLIMATOLOGY BRANCH

PSYCHROMETRIC SUMMARY

0900-1100 HOURS (L. S. T.)

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SLOBAL CLIMATOLOGY PRANCH **PSYCHROMETRIC SUMMARY** LSAFETAC ALS MEATHER SERVICE/MAC 25\14 FAIRCHILD AFB NA
STATION NAME
STATION NAME 69-78 OCT 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 s / 79 79/ 77 • 1 36/ 75 747 73 2/ 71 16 7 / 69 18 22/ 67 1.5 26 26 :6/ 65 31 64/ 63 44 .3 1.3 44 60 60 .9 1.5 1.4 2.5 : / 59 2.5 1.0 62 62 58/ 57 58 58 ·6 1·1 1·8 3·1 56/ 55 133 103 35 °4/ 53 .5 1.8 2.4 1.2 101 101 62 52/ 5. .9 2.0 1.7 1.9 5 • 2 1.8 37 87 59 1.4 2.8 48/ 47 46/ 45 126 30 1.5 1.1 1.8 63 63 1.1 1.3 48 122 66 44/ 43 32 1.7 32 108 84 108 42/ 41 20 94 39 14 93 68 83 36/ 35 11 23 1.1 • 1 11 97 34/ 33 85 32/ 31 69 23/ 45 36 74/ 23 21 õ 26 21/ 19 13 6 16/ 15 .949 Mean No. of Hours with Temperature Element (X) ± 32 F 267 F 273 F 280 F 293 F 10F Dry Bulb Wet Bulb

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PSYCHROMETRIC SUMMARY

7::14 FAIRCHILD AFB WA 59-78 OCT
STATION STATION HAME YEARS MONTH
PAGE 2 17DD-1800

WET BULB TEMPERATURE DEPRESSION (F)

PAGE 2 1200-1400
HOURS (L. S. T.)
TOTAL TOTAL
D.B./W.B. Drv. Bulb | Wet Bulb | Dew Point

(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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CLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY CAFFTEC AIR WEATHER SERVICE/MAC FAIRCHILD AFB WA 24114 OCT 69-78 STAT:ON 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) = _/ 8; 787 • 2 c/ 75 24/ 73: • 1 72/ 71 7 / 65 16 16 • 2 53/ 67 6/ 65 .1 1.1 26 26 147 63 40 40 50/ 6. 6 / 59 .3 2.4 1.7 1.4 67 67 .5 1.4 1.7 50 <u>60</u> .3 .2 1.3 1.6 1.6 .1 1.1 1.8 3.1 1.2 52/ 57 65 65 99 99 53 .2 1.3 2.4 1.8 2.4 98 98 55 527 511 1.6 1.5 1.7 79 79 5 / 49 .8 1.7 .6 1.8 1.4 1.1 70 70 90 12 -3/ 47 ·8 1·8 1·1 2·3 62 62 104 46/ 45 .9 1.4 1.4 1.2 55 55 122 44 :4/ 43 96 72 42/ 41 • 1 24 124 68 1.4 • 8 24 <u>. 1</u> 4 / 39 22 91 79 38/ 37 1.1 • 2 . 1 16 45 87 35/ 35 34 107 . 6 34/ 33 - 1 • 2 18 62 80 3 / 29 • 4 64 27 45 26/ 25 39 ತ 24/ 23 <u> 36</u> 28 19 18/ 17 5 6768 16/ 15 Mean No. of Hours with Temperature Element (X) Rel. Hum. ≥67 F | ≥73 F | ≥80 F | ≥93 F Dry Bulb Wet Bulb

Dew Point

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PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFB WA 69-78 OCT
STATION STATION NAME YEARS MONTH

WET BUILD TEMPERATURE DEPRESSION (E)

PAGE 2 1500-1700

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PSYCHROMETRIC SUMMARY ATP WEATHER SERVICE/MAC FAIRCHILD AFB WA 69-78 OCT STATION HAME 1890-2000 HOURS (L. S. T.) PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 (F) 78/ 75 14/ 73 73/ 71 • 1 1 / 69 13/ 67 £4/ 63 17 21 £ / 59 . & 26 26 58/ 57 39 •2 •4 1•5 2•3 •4 1•6 3•1 1•7 5:/ 55 • 1 52 52 =4/ 53 83 83 1.3 1.3 2.2 2.7 1.3 52/ 51 50/ 49, .6 2.8 1.6 2.5 1.7 97 48 .2 1.1 3.9 2.5 2.4 86 47 121 121 ·# 2.7 1.8 1.8 2.3 45/ 45 • 9 91 29 116 . 1.5 1.3 2.6 75 -4/ 43 .9 1.3 75 126 63 c2/ 41 81 .3 2.2 2.0 39 55 55 100 96 38/ 37 1.4 1.3 30 94 78 1.3 • 3 • 4 151 35 22 76 102 22 34/ 33 14 47 74 32/ 31 11 11 21 69 . 8 28/ 27 • 4 58 42 24/ 23 30 72/ 21 7./ 19 18 16/ 15 11 12/ 11 ± 32 F ≥67 F = 73 F = 80 F = 93 F Rel. Hum. SOF Dry Bulb Wet Bulb

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I BLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR REATHER SERVICE/MAC 1-114 FAIRCHILD AFB WA 69-79 OCT STATION STATION NAME YEARS 1809-2000 PASE 2 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 (F) 3/ TOTAL 1.314.517.316.518.815.4 2.5 4.4 1.7 930 933 930 934 8 9 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature C) () USAFETAC 59.818.695 48.5 7.741 41.9 6.055 33.8 8.520 3646348 55580 933 ≥67 F ≥ 73 F ± 32 F Rel. Hum. 10F 2245108 45124 930 1.9 93 1.6 Dry Bulb 38930 930 5.3 Wet Bulb 1663680 93 1132949 31479 93 36.9 Dew Point

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SLOBAL CLIMATOLOGY BRANCH CAFETAC **PSYCHROMETRIC SUMMARY** AJF REATHER SERVICE/MAC OCT FAIRCHILD AFE WA <u> 69-78</u> STATION NAME 2100-2300 HOURS IL. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 15/ 75 56/ 65 1 12/ 5. € / 59 **53/** • 2 18 5-/ 55 27 54/ 53 • 5 .6 1.1 • 1 35 35 . 8 . 3 1.4 1.3 53 5 / 49 ·1; 1.2 2.5 2.6 1.4 7 B2 33 • g • 1 82 42/ 47 ·2 1.4 3.3 3.J 2.2 111 44 43/ 45 .6 2.4 3.4 3.7 2.5 96 32 121 121 14/ 43 3.3 2.2 2.9 91 91 107 62/ 41 2.8 2.7 2.8 2.0 129 77 184 4 / 39 .8 2.d 2.5 2.2 92 92 104 2.7 78/ 37 • 4 1.3 2.7 .6 1.7 56 56 108 63 35/_35 3.1 1.2 47 47 86 96 34/ 33 1.4 30 94 . 4 30 65 • E 50 31 •2 12 115 3 / . 5 • 3 • Z 29 19 19 24 71 36/ 25 47 4/ 23 28 22/ 2: • 4 16 21 13/ 17 11 a Š 14/ 13 8 11 0.56.5 2 3 6/ 5 1 Element (X) No. Obs. Mean No. of Hours with Temperature 10F ± 32 F Dry Bulb Wat Buib Dew Point

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PSYCHROMETRIC SUMMARY 2130-2300 HOURS IL. S. T.1 LIBAL CLIMATOLOGY BRANCH PAGE 7 69-78 TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5.6 7.8 9.10 11. 12 13. 14 15. 16 17. 18 19. 20 21. 22 23. 24 25. 26 27. 28 29. 30 21. 22 23. 24 25. 26 27. 28 29. 30 21. 20 21. 22 23. 24 25. 26 27. 28 29. 30 21. 20 101AL Ory Bulb Wet Bulb Dew Point SERVICE/MAC FAIRCHILD AFS & STATION NAME STATION 19796 £ Mem Ha, of Hours with Tomps ₹93 F 93 267 F 171 F 1.90 F (OL A) 93 132 F No. Obs. 930 3.7 67.017.35B 67.017.35B 49.04 6.933 39.5 6.55 33.3 8.299 10.8 930 930 36778 930 4477893 Element (X) 1876334 Rel. Hum. 1488491 31391 Dry Bulb 1096109 Wet Bulb Dew Paint (3

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FAIRCHILD AFB WA PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | # 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Poin · / ÷ 7:1 77 12 12 • 0 • 3 2:5 4/ 73 .0 21 21 7 / 72 39 39 59 • 1 44 44 Je/ 67 72 72 • 2 16/ 65 75 . 2 • 5 • 3 75 129 £7/6. . 1 • 5 • 3 • I 1 173 173 6 • J • 5 • 4 . 2 . 7 216 216 .7 1.2 1.4 50/ 55 38G 383 76 14/ 53 .4 1.1 1.5 442 442 150 1.5 1.4 467 467: 275 .7 2.7 1.5 1.5 553 351 • 5 553 ó4 4:/ 47 .2 1.5 3.1 1.9 1.4 549 129 666 556 . . 45 .4 2.5 2.6 1.9 1.4 709 758 333 739 -4/ 43 582 2.5 1.9 1.9 532 838 505 42/ 41 .3 3.2 2.2 1.6 872 610 626 626 631 ·7 3.5 2.2 1.1 519 619 726 35/ 37 395 353 1.9 2.9 . 1 395 74Z 725 ~E/ 35 2.5 1.1 353 552 776 33 34/ 599 271 533 1.7 • 8 • 1, 271 72/ 31 157 157 315 888 •2 199 53 100 100 588 458 56 56 25/ 25 23 23 80 323 24/ 23 2:19 72/ 21 10 186 2./ 19 128 19/ 17 11 78 ZX Rel. Hem. #67 F #73 F #80 F #93 F Dry Bulb Dew Point

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SLOBAL CLIMATOLOGY BRANCH · PSYCHROMETRIC SUMMARY AIR MEATHER SERVICE/MAC FAIRCHILD AFB MA 59-78 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 . 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 D.B./W.B. Dry Bulb Wet Bulb Dem Point J/ 13 54 33 13 --<u>-</u>-٤/ 10 12 10 7440 7443 { Ī õ ತ 0.26.5 35 Element (X) No. Ohe. 34500348 434206 65.120.340 7443 Rel. Hom. 2 32 F 267 F 273 F 20 F 293 F 45.6 9.365 40.9 6.813 34.1 8.211 16813335 346752 7449 Dry Belb 36.1 744 12779173 3:4151 7440 744 83.4 Wer Bulb 9131559 253391

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PSYCHROMETRIC SUMMARY

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WET BULB TEMPERATURE DEPRESSION (F)

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TOTAL

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I SLOBAL CLIMATOLOGY RRANCH **JSAFETAC PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 1 20114 FAIRCHILD AFB WA 69-78 NOV STATIO STATION NAME Ę 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL ŧ (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point . 1/ 53 . 2 2/_51 49 6 3 6 13/ 47 41/ 45 .7 1.1 • 6 27 8 44/ 43 27 "3/ 43 .1 3.1 • 1 36 36 31 24 1 39 5.6 1.4 36 37 10: 2.1 5.4 80 80 65 2.6 5. 1.3 80 80 88 76 34/ 33 3.4 7.9 1.7 . 2 119 93 67 22/ 31 7.8 105 105 100 107 1 35 2.6 6.9 2.0 • 3 106 196 115 82 26/ 27 2.2 5.4 1.0 99 84 101 781 25 3.2 75 36 53 36 24/ 23 · E 1 · 3 48 23 20 56 15 15 .6 1.8 . 6 32 32 26 53 6 / 19 27 21 33 27 1.1 ~/ 17 E 10 10 24 23 767 IE 141 13 . 5 5 20 17/ 11 • 2 15 : 7 . 4 9 13 5/ S 2 { 7 8 TOTAL 19.167.316.7 3.6 1.0 900 ತ 900 900 0.26-5 10 to 10 M Element (X) No. Ohs. Mean No. of Hours with Temperature 75116 83.512.280 Rel. Hum. 6404906 900 267 F 273 F 280 F 293 F ± 0 F ± 32 F 32.7 7.168 900 1 .03816 29434 90 Dry Bulb 43.4 915491 27991 31.1 7.070 Wet Bulb 900 51.3 90 C S 775590 25214 28.0 8.774 Dew Point 900 61.8

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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•																		PAGE	E 1	3638-	-08E
Temp.						WE	T BULB	TEMPER	ATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
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PSYCHROMETRIC SUMMARY

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STATION STATION NAME 69-78

PAGE 1 0900-1100 Hours (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 14/ 60 (2/ 6: / 59 32/ 57 5:/ 55 • 1 • 1 - 4/ 53 :27 51 2 . 1 5 / 44 . 2 . 1 17 45/ 47 23 23 01/ 45 . 1 42 42 8 10 44/ 43 2.0 45 45 34 12 42/ 42 4.7 2.3 73 62 30 39 92 91 1.1 5.7 2.6 92 50 38/ 37 4 . 4 91 91 93 74 36/ 35 5.9 1.7 86 86 98 92 89 34/ 33 89 91 91 31 93 93 90 69 1.1 5.7 1.6 1. 5.9 3 / 29 1.9 1.2 97 88 88 102 287 3.4 27 51 51 69 140 ⊋8/ 25 . 7 1.2 . 3 26 26 41 70 24/ 23 15 29 45 1.1 • 1 15 72/ 21 32 2 / 19 10 10 30 18/ 17 10 17 10 15 16/ 15 11 • 1 14/ 13 18 12/ 11 9 8 7 8 8/ 5 4 4/ 6 3 6 Σχ' Mean No. of Hours with Temperature Element (X) X Rel. Hum. 20F ± 32 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Dry Bulb Wet Bulb Dew Point

Temp

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

TOTAL

FAIRCHILD AFB WA 24 14 STATION 69-78

WET BULB TEMPERATURE DEPRESSION (F)

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7900-1100 HOURS (L. S. T.) PAGE 2

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SLOPAL CLIMATOLOGY BRANCH	
SAFETAC	PSYCHROMETRIC SUMMARY
AIR REATHER SERVICE/MAC	

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FAIRCHILD AFS WA NOV THOM 1205-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1/ 67 .6/ 55 14/ 53 4 / 59 •2 • 1 F8/ 57 5:/ 551 • 4 11 11 52/ 5/ 31 1.8 31 5 / 40 45 45 2.4 2.4 1.3 12/ 47 • 6 53 53 5 45/ 45 66 66 +4/ 43 .1 2.7 3.1 84 84 89 26 3.9 3.3 1.7 42/ 41 85 85 77 54 .3 2.8 1.9 1.6 2.9 2.4 1.9 71 71 104 70 74 83 75 3/ 351 83 71 1.3 5.1 1.8 83 84 89 34/ 33 71 88 64 .5 5.6 .7 2.6 82 73 337 31 1.3 76 76 71 7 / 29 38 38 93 28/ 27 1.8 31 31 41 89 75/ 25 . 8 3 ü 11 24/ 23 10 10 19 43 02/ 21 32 12 19 12 22 12 18/ 17 15 16/ 15 :4/ 13 9 12/ 11 11 14 8/ 7 4 4/ 5 ZX No. Obs. Element (X) Σχ' Mean No. of Hours with Temperature Rel. Hum. ≤ 32 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Tetal Dry Bulb Wet Bulb

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BLOEAL CLIMATOLOGY BRANCH DOAFETAC AIP REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-114 FAIRCHILD AFB WA 59-78

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PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F)

(F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb Wer Bulb Dew Point / --
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1 SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** LEAFETAC AIR WEATHER SERVICE/MAC **\$**. <u>2-114</u> FAIRCHILD AFB NA 69-78 NOV STATION NAME YEARS 1580-1730 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. { D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 16/ 67 14/ 63 12/ 61 F°/ 571 • 1 • 1 • 2 56/ 55 =4/ 531 .7 • 3 • 1 18 • 3 2/ 51 .2: 1.4 • 2 27 5 / 45 .3, 1.2, 1.2 38 38 7 48/ 47 1.7 1.9 1.3 50 2.3 2.1 45 1.4 62 48 19 44/ 43 2.4 2.7 1.9 71 71 58 16 79 42/ 41 .6 4.1 3.2 1.2 89 89 51 1.1 2.1 3.1 .8 3.6 2.2 1.2 5.7 2.3 39 71 71 95 76 1.5 37 38/ 75 75 77 56 - 1 • 9 36/ 35 97 97 75 86 33 i 4.3 2.7 86 36 118 . 8 73 • 3 4.1 2.2 32/ 31: • 1 . 1 68 98 68 67 • 1 3 / 29 3.Z 1.3 50 50 94 88 . 4 23 84 28/ 27 . 1 17 22 ?**5/ 25** 17 59 • 5 44 721 21 • 9 14 11 28 14 2 1 19 - 8 13 13 14 26 19/ 17 21 • 2 • 3 4 141 13 12 1^/ 11 ₹ 11/ 3 10 ತ 4 0.26.5 5 6/ 4/ 2/ i 4 5 E Element (X) ΣX, Mean No. of Hours with Temperature O) O) ≥67 F | ≥73 F | ≥80 F | ≥93 F ± 32 F Rel. Hum. 10F

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CLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR SEATHER SERVICE/MAC

FAIRCHILD AFS WA

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PSYCHROMETRIC SUMMARY

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1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 --/ -5. 8.936.128.914.3 6.3 900 975 10 PM Mean No. of Hours with Temperature No. Obs. Element (X) 74.216.875 38.6 8.116 35.2 7.266 30.3 9.075 Rel. Hum. 5235438 66742 900 2 32 F ≥67 F | ≥73 F | ≥80 F ≥ 93 F Tetal 34699 Dry Bulb 1397021 900 19.8 93 1164776 900 Wet Bulb 31722 30.1 98 Dew Point 901107 90

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FAIRCHILD AFB WA

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

2114 STATION FAIPCHILD AFB WA 69-73 NOV STATION NAME 2100-2300 HOURS (L. S. T.) PAGE 1

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1 . 2 3 . 4 5 . 6 7 - 8 9 - 10 11 - 12 13 - 14 15 . 16 17 . 18 19 - 20 21 . 22 23 - 24 25 - 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) **4/ 53** 5 / 49 • 3 • 3 17 17 : / 47 . 6 18 4:/ 45 .1 1.6 1.7 • 3 32 32 18 8 • E .4/ 43 .2 1.8 1.2 • li 34 16 -2/ 41 .3 4.7 2.7 •2 70 70 38 23 . 6 .3 5.3 1.9 9 / 39 75 46 58 3./ 37 1.4 4.2 1.3 67 67 84 3. 1 5.4 2.6 103 103 97 79 3-/ 73 1.1 7.4 2.5 .2 104 154 73 68 72/ 3: .9 9.1: 3.3 121 121 27 2.5 5.1: 1.8 95 99 .6 99 138 28/ 27 .9 2.9 1.7 52 81 128 4/ 25 .4 . 3 2.2 27 27 37 68 <u>50</u> 4/ 23 2: • 9 • 5 19 15 55 19 19 15 . 7. 18 29 13 17 .1 1.2 13 13 22 11 ·4/ 13 11 9 15 ٤/ 5 2 2/ 6 12.956.722.8 5.3 1.1 TOTAL 900 900 900 900 Element (X) • No. Obs. Mean No. of Hours with Temperature 6024813 80.713.254 900 20 F 72665 90

Dry Bulb 1999131 34.2 7.215 900 37.5 30775 32.1 6.920 Wet Bulb 972155 28917 900 48.1 90 Dew Point 28.6 8.545 90

GLOBAL CLIMATOLOGY BRANCH SAFFTAS **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC <u>221</u>14 FAIRCHILD AFB WA 69-78 STATION HANG PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 (F) --/ 671 66/ 65 -41 63 5 52/ 61 Ü • G 5 / 59 • ব • 1 9 Q. 5 1 55 .7 .1 • 1 • 🌣 • 1 • 3 22 22 53 •2 • 5 • 1 94 22 • 2 5 / 49 25 • 2 . 2 156 156 48 25/ 47 •5 1•1 211 211 28 46/ 45 · 第 1 · 4 1 · 3 . 2 314 178 81 314 4/ 43 • B .1 2.7 1.8 • 1 368 368 289 95 12/ 41 D.S E.F E. 260 528 528 429 1. 4.6 1.9 39. 419 605 635 644 39/ 37 1.7 4.7 1.7 636 636 65 C 513 20/ 35 2.1 5.6 1.8 734 734 708 648 •d 34/ 33 783 783 749 584 1.9 6.3 2.1 1.1 7.7 37/31 2.1 784 784 761 695 • 7 7 / 29 1.9 5.6 1.3 568 668 894 735 23/ 27 1.2 3.2 410 416 591 837 26/ 25 3.9 . 1 213 213 316 538 74/ 23 398 • % • 2 124 124 261 :2/ 21 153 153 342 162 2/ 19 - 5 • 8 157 157 138 240 . 7 18/ 17 . 8 70 79 129 156 15/ 15 • 2 72 25 101 4/ 13 19 19 27 ₹ 117 12/ 11 • 2 17 17 22 114 ಠ • 1 17 78 0.26.5 ê/ • 1 66 5 25 4/ 3 35 44 Zx' Mean No. of Hours with Temperature Element (X) No. Obs. CÃ ≥67 F | ±73 F | ≥80 F 10F ± 32 F ≥ 93 F Rel. Hum. C) USAFET Dry Bulb Wet Bulb

Dew Point

SLOPAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** AIP WEATHER SERVICE/MAC 24 14 FAIRCHILD AFB WA STATION NAME NGV 59-78 PASE Z WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb Wet Bulb Dow Point 1 -TOTAL 13.951.721.5 8.0 2.9 1.2 .6 7198 7198 (OL A) 0.26.5 ΣX, No. Obs. Mean No. of Hours with Temperature Element (X) OSAFETAC 47212614 79.614.801 35.2 7.934 573138 7198 ± 32 F Dry Bula 253711 7198 266.C 729 9395673 Wet Bulb 32.9 7.299 8191538 237072 7198 340.4 720 Dew Point

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PSYCHROMETRIC SUMMARY BEAFETAC AIR WEATHER SERVICE/MAC FAIRCHILD AFB #4 . . 14 DEC 59-78 YF ARS 1 5089-0200 PASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 5 / 43 .1 .I ·c/ 45 • 1 8 8 .4/ 43 1.8 • 1 20 27 21 4 •4 1.5 • 2 20 .3 2.5 3:1 37 2.1 3.8 • 4 65 35 55 51 3:/ 3: .8 5.9 1.5 76 75 58 38 3-1 33 1.1 6.3 1.4 78 49 82 82 1 31 98 74 1.4 7.8 1.2 \$3 96 1.7 7.4 56 99 82 86 13/ 27 9 🗖 95! 95 87 • 3 25/ 25 1.9 7.4 • 4 91! 91 91 97 5 **1** 51 1.5 2.7 37 75 37. 28 1.8 1.7 36 81 1:/ 15 •3 2.5 IMS FOLM ABI 25 26 31 41 22 1.1 1.1 22 <u>3u</u> 24 14/ 13 14 • 5 .8 1.7 16 37 16 .3 1.F 17 17 11 17 10 10 • 5 1 1 1 7 8: 12 • 3 3 21 6 -2/ -31 . 1 ã -51 -7 1 ᅙ -3/ -9 0.26.5 -1 7-11 -12/-13 -:6/-17 3 3 -:8/-19 Element (X) 267 F 273 F 20 F 293 F Rel. Hom. 10F | 132F | Dry Bulb Wet Bult Dew Point

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FLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 24,114 STATION FAIRCHILD AFB WA 59-78 PAGE 2 WET BULB TEMPEPATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point TOTAL 930 930 £ ₹ g Mean No. of Hours with Temperature Element (X) X No. Obs. 84.110.601 28.3 9.367 27.1 8.837 78193 ≤ 32 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 6678761 930 Dry Bolb 930 823294 26356 61.6 Wet Bulb 752681 25159 68.D 93 1.2

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FAIRCHILD AFB WA

PSYCHROMETRIC SUMMARY

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Temp. (F)	0																				L. S. T.1
(F)	0					WET	BUL B T	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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Wet Bulb						-+-			-						 	_		 	 		
Dew Point															 			 	1	-	

USAFETAC PORT 0.26-5 (OLA)

SLOSAL CLIMATOLOGY BRANCH LYAFETAC AIR WEATHER SERVICE/MAC

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FAIRCHILD AFB WA

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Wet Bulb		73	6022	<u></u>	247	92	26.7	8.9	92	9	30		.3	69.7					 		93

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SLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERM JE/MAC

PSYCHROMETRIC SUMMARY

FAIRL LD AFB WA

DEC

PAGE 1

3600-0800 HOURS (L. S. T.)

Temp.			·							DEPRE								TOTAL		TOTAL	
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12/ 41	. 4			• 1													_	16	16	16	14
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3-/ 33	1.1		1.7					Ĺ										6.5	65		
7:/ 31	1.5																	113	113		
3 / 29	1.9	5.8															<u> </u>	75	75		
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Element (X)		Σχ²			Σχ	<u> </u>	X	·,		No. O	s.	·			Meen !	io. of t	lours wil	th Temperat	ure		
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Dry Bulb									$\neg \vdash$				\top			_		1	1		
Wet Bulb											$\neg \neg$		$\neg \vdash$			$\neg \vdash$		1	1		
Dew Point																$\neg \vdash$			1		
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FORM 0.26.5 (OL A) RENISTO MENOUS EDITIONS OF THIS FORM ARE DESCRETE

SLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR MEATHER SERVICE/MAC

1-114 FAIRCHILD AFB MA
STATION STATION NAME

PSYCHROMETRIC SUMMARY

The second secon

69-73

YEARS

PAGE 2

76.00-08.00

HOURS (1, 5, T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 124.366.6 8.2 .6 TITLL 933 93. 930 Element (X) No. Obs. Mean No. of Hours with Temperature 78739 ⊴ 32 F ≥67 F = 73 F = 80 F = 93 F Rel. Hum. 6767287 84.710.417 930 ± 0 F 27.7 9.468 26.5 9.241 25736 Dry Bulb 795474 930 1.2 65.0 93 732529 24547 930 70.1 23.510.651 Dew Point 21888 620530 930

GLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

CE 114 FAIRCHILD AFB WA

PAGE 1

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3-4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 = 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Point
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SLOBAL CLIMATOLOGY BRANCH

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PSYCHROMETRIC SUMMARY

AIR WEATHER SERVICE/MAC

2:114 FAIRCHILD AFB WA 69-78

STATION STATION NAME YEARS

WET BULB TEMPERATURE DEPRESSION (F)

PAGE 2 0900-1100 HOURS (L. S. T.)

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Dry Bulb		87	284	\$	27		29.	9.	202		30		• 7	58.1							93
Wet Bulb			114			324	27.	8 8 .	229		30		• 7	66.8		7-			7	$\neg \neg \neg$	93
Dew Point			885			757		510.4			30	2	_ RI	75.1					\neg	$\neg \neg$	93

I SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC <u>14</u>114 DEC <u> 59-</u>73 FAIRCHILD AFB WA STATION NAME 1200-1400 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. (F) 2/ 51 . 1 47 151 . 1 11 11 447 43 9 1.1 1.1 28 28 12/ 41 .4 2.9 1.9 1.4 12 62 62 39 1.13.7 2.3 56 34 30/ 37 · 5 2 · 8 2 · 5 42 63 51 63 76/ 35 .9 5.2 2.8 1.6 47 97 97 70 7.1 3.7 1.6 124 97 53 31 .6 5.4 2.2 79 79 134 77 · Z • 1 3 / 29 .3 5.8 2.7 81 81 95 23/ 27' --/ 25 1.2 6.6 • 6 116 98 31 81 50 96 1.13.8 • 6¹ ~4/ 23 1.7 34 34 57 30 1.6 12/ 21 2.7 26 80 26 191 1.8 • 1 29 29 30 44 17 43 1.4 1:1 15 • 5 14 15 24 • 1 • 9 14 14/ 13 13 29 12 11 18 12/ 11 12 • 3 • 5ⁱ şį 19 . 6 ŝ/ 5 8 5 2 4/ 3 6 5 7 - 1 1 5 - 1 ₹ 9 -6/ -7 -3/ -9 9 -1 /-11 -12/-13 3 ZX2 Ne. Obs. Mean No. of Hours with Temperature Element (X) Dry Bulb Wet Bulb Dew Point

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WET BULB TEMPERATURE DEPRESSION (F)

BLOBAL CLIMATOLOGY BRANCH

ATR PEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

PAGE 2

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PSYCHROMETRIC SUMMARY

FAIRCHILD AFB MA YEARS PAGE 1

1500-1700 HOURS (L. S. T.)

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AIR WEATHER SERVICE/MAC FAIRCHILD AFE MA (= :14 69-78 STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 12.259.221.8 5.5 930 933 £ 0.26-5 (OL Element (X) No. Obs. Mean No. of Hours with Temperature 79.712.727 31.1 8.630 29.2 8.348 Rel. Hum. 930 10F ± 32 F 247 F = 73 F = 80 F = 93 F 6:63029 74153 Dry Bulb 970807 28957 930 45.9 859096 27180 930 59.9 Dew Point 693558 25.310.187

PSYCHROMETRIC SUMMARY

BLOBAL CLIMATOLOGY BRANCH

SAFETAC

I SLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY ATO WEATHER SERVICE/HAC 2:114 59-78 DEC FAIRCHILD AFB WA STATION PASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 10.8 W.B. Dry Bulb Wet Bulb Dew Point .1 41 E U3/ U7 2 15/ 45 4 1.7 • 1 -4/ 47 .3 .8 • 2 15 10 15 13 427 41 .3 2.6 35 1.1 4.3 1.1 62 62 29 1.7 3.7 1.7 70 70 35 67 •1 1.1 4.8 1.5 ~き/ 35 70 79 64 51 34/ 33 .5 7.2 <u> ខជ</u> 78 55 7.2 2.3 21 3: 96 96 77 62 3 / 29 .8 9.4 2.3 115 115 93 73 ?#/ 27 *1/ 25 1. | 8.8 1.1 101 101 142 84 55 86 "/ 23 •3 1.2 2.3 35 35 47 87 2/ 21 1.4 3.3 91 45 69 1.2 2.2 34 34 32 18/17 47 .5 2.7 25 25 16/ 15 • 1 13 13 22 37 • 5 11 127 14 . 3 14 13 .1 1.9 13 • 1 31 1 1 4/ 6 6 . 2 3 • 1 a 3 -4/ ತ • 1 3 -5/ -7 -8/ -9 2 17/-11 -12/-13 2 -15/-17 Element (X) *67 F | *73 F | *80 F | *93 F 20F 1 32 F Dry Bulb Wet Bulb Dew Point

UTAFETAS **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FAIRCHILD AFB NA STATION NAME 64-78 DEC PAGE ? WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 x 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point -/-19 1-23 - ^2/-23 1 17.265.914.6 1.8 930 930 930 0.26.5 (OL A) Element (X) USAFETAC 267 F | 273 F | 280 F | 293 F Rel. Hum. 75773 930 1 32 F 5465513 82.511.728 10F 29.4 9.081 23.0 8.378 Dry Bulb 28282 27382 938 57.7 93 93 Wet Bull-300165 26001 930 84.0

BLOSAL CLIMATOLOGY BRANCH

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AL * *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

69-79 FAIRCHILD AFB WA STATION NAME 2199-2399 HOURS (L, S, Y,1 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 (F) . 3 / =7 - =/ 45 16 16 19 4/ 23 19 .1.1.3 12 15 12/ 41 1.2 12 14; 1.2 2.3 47 47. 26 1.1 4.8 1.4 70 48 70 21 1.5 5.9 1.8 1.5 5.7 1.3 / 35 73 79 87 65 - / 31 5.7 1.3 33 77 83 79 / 25 .6 8.4 1.2 95 95 97 53 ~/ ?? 2.2 7.8 1.7 138 89 132 132 1.4 7.1 84: 84 78 132 ·/ 23 . 1 3.2 43. 68 ~2.7 1.2 2. 33 33 2: 38 88 1.5 2.3 36 35 35 63 24 .5 1.5 1:/ 17 24 33 30 .8 1.5 .6 1.7 13 15 11 13. • 9 21 • 4 16 • 1. 1 긔 2 -3 .2 5 2 -5/ - ? • 1. 2 <u>7</u> 2 -8/ -9 -1 /-11 -17/-13 -14/-15 1 4 Element (X) Zz No. O... 267 F | 273 F | 200 F Re!. Hom. +93 F 2 0 F 1 32 F Dry Bulb Wer Bulb Dew Point

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SLOBAL CLIMATOLOGY BRAICH 654FETAC AIF WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

THE TAIRCHILD AFB WA 69-78

STATION STATION HAME 69-78

PAGE 2 2100-2300

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FORM 0.26-5 (OL A)

ELGRAL CLIMATOLOGY BRANCH USAFETAC AIR KEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME 69-78

PAGE 1
HOURS (L. S. T.)

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ATR MEATHER SERVICE/MAC

44.14 FAIRCHILD AFB WA

STATION STATION NAME

GLOBAL CLIMATOLOGY BRANCH

PSYCHROMETRIC SUMMARY

The state of the s

PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1-2 3-4 5-6 7-8 7-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 -1:/-17 15 - E/-19 18 - 1-21 - 2/-23 18.963.814.2 2.6 .4 7439 7440 7439 7439 Element (X) Zx? No. Obs. ZX X Meen No. of Hours with Temperature 614271 217465 82.611.759 29.2 9.172 51751517 7439 ± 0 F ≤ 32 F Total Dry Bulb 7.2 457.2 6982187 7440 744 Wet Bulb 6308163 206327 27.7 8.872 7439 8.2 522.7 744 5225152

FORM 0.26-5 (OL A) REVISE MEVIOUS EDITIONS OF THIS FORM ARE OINDIETE

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1 SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC Als WEATHER SERVICE/MAC FAIRCHILD AFB WA 69-79 STATION HAME PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | × 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2/1 1 97 56 56 96/ 95 86 86 ==/ 93 160 150 • 1 7. / 91 339 379 82 418 418 387 87 475 475 562 36/ 85 562 64/ 83 658 658 18 1:2 941 941 • 2 0 / 79 891 891 78/ 1039 1039 • 0 1243 1243 TE/ 75 751 73 1415 1415 71 1625 1625 1896 1896 69 • 1 60 6E/ 67 1876 1876 139 2266 2266 2637 2637 561 65 • 9 430 24 • 6 • 2 54/ 631 1124 41 • 1 2523 2523 1693 95 . 3 591 2511 2538 57 2821 2821 3094 416 56/ 55 2980 2980 3656 3035 3035 4392 14/ 53 1136 5: 2939 2939 4502 1777 557 45 • 2 2938 2939 4395 2336 • 1 48/ 47 3238 3238 4282 46/ 45 3975 3975 4581 4332 1.2 . 1 ತ 3271 3271 4364 4626 44/ 43 0.26.5 42/ 41 3444 3444 4477 4887 1.2 3972 3972 4707 5659 3939 3940 5028 5988 41/ 39 1.9 38/ 3 / 1.8 1.3 2.5 4460 4460 4920 6540 No. Obs. Mean No. of Hours with Temperature Element (X) TA. Dry Bulh Wet Bulb

GLUBAL CLIMATOLOGY BRANCH UBAFETAC ALF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

114 STATION	FAIRCHILD	AFB #A			69-79			YE	ARS					A	LL ITH
												PAG	E 2	HOURS (1	L.L. \$. T.)
Temp.			WE'T BULB T	EMPERATUR	E DEPRESSION	(F)						TOTAL	·	TOTAL	
(F)	0 1 - 2 3 - 4	5-6 7-8 9	- 10 11 - 12	13 - 14 15 - 1	17 - 18 19 - 2	0 21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wat Bulb	Dew Po
3-/ 33	.7 2.8 1.2	2 • 4 • 1	• 17									4561	4561	52.20	603
32/ 31	.5 2.8 .9		•0					L						5083	638
2 / 53	.6 2.3 .				!								3329		
25/ 27	• f 1.9 •				 			<u> </u>						3702	
76/ 25	1.6							l				1 : - :	,	2484	
~4/ 23	<u>.2</u> .9 .:										 			2016	
2/ 21	.2 .8 .2					1					1	1017			
10/ 17	.3 .5 .3 .1 .5				+						 	953	953	933	
16/ 15	1 - 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -							}				658 592	658 532	963 631	125
14/ 13	1 .3				+	+		 			 	358	<u></u>		96
12/ 11	1 3	, ,				'						430	400	422	87
/ 9	1 .3				 	+						457	407		70
2/ 7		·		į	1 1		;				1	215	215	338	49
6/ 5	• • 3 •							1				134	134	234	31
4/ 3	. 1 . 1	1			1 1						1	141	141	143	
./ 1	. 1											199	109	112	31
/ -1	• 1 • 11							<u> </u>			<u> </u>	70	78		23
/ -3	• • • • •					()		1				37	37	51	17
-4/ -5	<u>• • q </u>											27	27		
-5/ -7	• • • • • •					(ļ			!	32	32		
-2/ -9								 -			 	19	19		19
1 /-11	•7				1 1						1	2	2	2	
14/-15	- 	 			- 			 							5
16/-17	•							į			1	2	4	2	3
13/-19	- 	 -						 							3
3 /-21					1 1]]]						-
22/-23					 			-			1-	1			
STAL	6.627.916.	210.6 8.0	5.7 5.6	4.6 3.	5 2.8 2.	1 1.6	1.2	1.1	7	_ 4	.3		87626		8762
					7 7 7							87624		87624	
			_		 	1		 			 				
lement (X)	Σχ²	z _x	T X		No. Obs.	 		<u></u>	Meen I	lo. of H	ours wit	h Temperat	ure		
Rel. Hum.	39761742			22.533	87624	± 0 1	F .	≤ 32 F	≥ 67	F	73 F	= 80 F	× 93 1	F	Total
Dry Bulb	22354730			17.798	87626	19	. 218	341.6	1368	.0 8	28.3	410.	4 32	. 8	876
Fet Bulb	15732853	354566	7 40.5	12.574	87624	25	. 924	100.3	21		• 2				876
Dew Point	10791313		9 33.1	11.534	87624			100-1		. 1					876

SLOSAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEE ! FROM HOURLY OBSERVATIONS

2º:14 FAIRCHILD AFB WA

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HRS (LST) SEP. OCT ANNUAL MAY JUN 39.8 47.9 33.5 42.9 34.4 55.9 52.3 42.1 28.3 MEAN 24.5 30.3 52.7 62.1 6.528 7.206 9.067 6.576 -10 s o 10.351 7.141 6.010 6.349 6.598 7.786 7.024 6.938 14.662 930 10954 TOTAL OBS 931 846 930 900 930 898 930 900 930 900 24.2 29.5 32.9 37.4 45.0 52.7 58.9 58.4 49.5 40.0 32.7 27.9 40.8 3-25 SD 6.219 6.223 6.403 6.418 7.168 9.208 13.597 10.710 7.000 6.034 6-188 7-128 6.613 10955 900 930 900 930 TOTAL OBS 930 846 930 899 930 900 930 930 39.6 33.1 49.0 63.8 40.3 32.5 27.7 42.5 23.6 29.3 57.4 61.8 51.3 MEAN 6.557 7.174 5-08 S D 1 .. 940 7.100 6.188 6.916 7.192 6.785 6.621 7.249 9.468 15.532 7.686 93G 929 898 930 900 930 10951 TOTAL OBS 846 929 899 930 900 930 25.2 32.0 38.6 47.1 56.6 65.3 72.9 71.6 60.6 48.2 35.6 29.2 48.7 MEAN 7.899 9-11: S D 9.081 8.599 9.202 18.072 1 .527 7.319 6.873 7.388 8.080 8.676 7.733 7.677 930 9<u>3</u>0 TOTAL OBS 846 900 929 900 929 930 900 930 900 10954 70.3 54.5 31.6 27.8 78.0 43.2 51.7 61.1 39.3 53.3 MEAN 35.8 78.8 66.9 9.933 S D 7.728 7.373 8.097 9.02010.134 9.528 9.577 9.068 8.866 8.308 8.655 19.338 930 930 900 930 900 930 930 900 930 899 930 10955 846 79.7 38 - 6 52.5 62.1 71.9 54.7 31.1 54.1 28.0 36.6 43.9 80.6 68.0 MEAN 9.925 8.630 19.998 8.491 9.21310.507 9.537 9.502 9.135 8.116 15-17 S D 9.583 7.707 7.522 TOTAL OBS 930 846 930 900 928 900 930 929 900 930 900 930 10953 68.1 74.3 48.5 29.4 50-1 MEAN 26.3 33.5 39-8 48.3 58.0 76.5 61.9 35.7 S. D. 9.809 9.754 9.243 9.692 8.736 7.741 7.510 9.081 18.925 13-20 7.081 6.779 8.179 8.751 930 899 10952 TOTAL OBS 930 846 930 930 900 930 930 900 927 900 60.6 8.173 34.2 43.3 51.9 55.9 28.6 45.7 25.5 31.6 36 • 7 68.0 66.5 MEAN 6.930 6.145 6.991 7.319 7.987 7.744 7.215 9.259 16.199 13.155 6.942 7.226 21-23 S D 900 TOTAL OBS 930 846 930 900 926 930 930 900 930 900 930 10952 35.2 47.3 MEAN 32.3 37.8 45.0 54.0 46.6 ALL HOURS 7.760 9.096 9.95211.09211.22311.21510.280 9.365 7.934 9.172 17.798 6768 7198 7438 7439 7198 7440 7198 7440 87626 7439 7198 7430

USAFETAC FORM 0-89-5 (OLI)

GLOBAL CLIMATOLOGY BRANCH LIAFETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOY DEC ANNUAL 31.7 35.5 42.5 48.9 52.5 51.6 46.0 38.3 31.6 27.1 38.2 MEAN 23.5 28.6 10.285 7.084 5.941 5.369 5.210 5.785 5.271 4.356 5.548 6.000 7.001 8.857 11.656 0-02 s p 900 930 930 898 930 93D 930 900 10954 44.7 37.1 31.1 28.0 34.1 41.0 47.5 51.2 50.4 26.7 37.2 23.J. 30.7 113.551 6.958 5.993 5.388 5.308 5.854 5.396 4.396 5.678 6.055: 7.070 8.992 11.455 900 930. 930 900 930 900 10955 930 899 930 TOTAL OBS 930 846 54.1 46.1 22.6 27.8 30.8 35.7 43.7 50.5 53.0 37.5 31.0 38.3 MEAN 6.120 7.155 9.241 12.478 6-78. S D 13.779 7.034 6.040 5.462 5.320 5.702 5.055 4.458 5.820 10951 930 900 929 930 898 930 900 930 TOTAL OBS 846 929 899 57.5 57.1 50.7 27.8 41.6 MEAN 23.5 29.9 34.5 46.2 47.6 53.7 47.4 33.3 8.929 4.197 5,498 6.891 7.156 13.080 9-11 5 D 10.335 7.071 6.087 5.485 5.343 5.665 4.967 900 900! 929 929 929 900 930 900 930 10953 930 TOTAL OB 930, 846 58.4 52.6 45.3 35.7 29.5 43.6 25.9 32.5 37.1 42.2 49.1 55.0 58.7 MEAN 6.231 7.255 9.652 6.981 6.233 5.596 5.383 4.100 5.483 8.247 12.716 12-14 Sp 5.523 4.828 TOTAL OBS 900 930 900 930 899 929 10954 930 846 930 900 930 930 52.4 29.2 35.2 58.8 58.4 \$5.0 43.6 26.1 33.D 37.4 42.4 49.1 55.2 MEAN 6.866: 6.247 5.607 5.267 5.408 4.734 4.031 5.419 6.205 7.205 8.348 12.681 15-17 s p 9.421 928 930 929 900 938 900 930 10953 TOTAL OB 930 900 900 57.5 49.9 24.18 30.9 35.3 40.3 47.6 54 . D 56.3 41.9 41.7 MEAN 8.878 12.673 5.324 4.820 4.242 5.374 6.055 7-055 9.742 6.119 5.597 5.486 18-27 5 D. 6.737 900 900 930 930 900 930 899 930 10952 TOTAL OB 930 846 930 54.5 47.4 39.5 32.1 39.6 51.1 27.2 53.2 24.1 29.6 33.3 37.7 44.8 MEAN 6.920 21-23 S D 10.071 6.817 5.899 5.486 5.100 5.508 5.106 4.190 5.395 6.055 9.014 12.024 900 930 930 900 930 10952 926 900 900 930 TOTAL OS 950 846 930 48.7 48.5 24.2 30.0 33.9 38.5 45.7 52.0 55.6 54.8 40.9 32.9 MEAN 5.716 5.166 6.233 6.813 7.299 8.872 10-180 7-180 6-561 6-262 6.030 6.235 12.574 S. D 7198 7430 7198 7438 7438 7198 7440 7198 87624 7439

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USAFETAC FORM 0-89-5 (OLI)

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MEANS AND STANDARD DEVIATIONS

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DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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STATION STATION NAME

FEB MAR MAY JUN. JUL AUG SEP ANNUAL APR. 42.3 32.6 MEAN 19.7 24.9 27.1 29.4 36.5 43.5 42.C 39.2 33.3 28.3 24.0 -_? s b 12.527 9.393 7.923 6.886 6.482 6.828 7.874 7.405 7.967 8.029 8.64110.132 11.495 930 846 930 980 930 898 933 930 900 930 900. 930 10954 19.2, 24.5 26.5 29.0 36.2 42.6 44.2 43.0° 39.4 33.2 28.0 32.5 12.69 3 8.953 7.962 6.601 6.388 6.720 7.337 6.679 7.641 7.731 8.77410.331 11.685 846 TOTAL OBS 930 900 930 900 900 10955 930 899 930 930 MEAN 18.9. 24.4. 26.8. 30.4. 38.0 44.3 46.2 45.4 40.8 33.7 28.0 33.4 6.065 5-.8 S.D. 12.845, 8.875 7.766; 6.554, 6.176; 6.492 7.522 7.658 8.76310.651 6.673 12.217 899 930 900 TOTAL OBS 846 929 929 930 898 930 900 10951 35.7 MEAN 19.9 25.9 28.3 31.7 38.6 44.0 45.7 45.8 41.6 29.6 34.3 3-11 S D 12.392 8.899 8.056 7.082 6.701 6.930 7.030 6.273 7.779 7.909 8.76010.478 11.938 900 900 930 10953 TOTAL OBS 930 846 930 900 929 929 929 900 930 43.4 30.9 39.6 MEAN 21.3 27.2 28.6 37.4 42.3 43.4 35.2 30.5 33.8 25.5 11.928 8.778 8.694 7.653 7.058 12-14 7.232 9.127 9.997 S D 7.554 6.885 8.520 8.506 11.214 TOTAL OBS 930 930 846 930 _900; 930 900 930 900 930 899 929 10954 28.3 30.1 41.2 MEAN 21.6 27.3 36.2 41.7 41.7 38.0 34.2 30.3 25.3 33.0 11.845 8.751 9.014 8.014 7.172 7.431 8.010 7.055 15-17 S D 8.558 8.636 9.07510.187 10.946 TOTAL OBS 846 930 900 928 900 930 929 900 930 900 10953 930 42.1 MEAN 20.6 26.3 28.5 38.2 37.0 41.9 41.4 38.2 33.8 29.5 32.9 15-25 SD 12.111 8.699 8.491 7.805 7.134 7.594 8.167 7.423 8.410 8.520 8.70210.613 11.199 TOTAL OBS 980 930 930 900 930 930 846 93C 900 927 899 10952 MEAN 20.1 25.6 27.9 30.0 37.2 42.6 42.9 41.5 38.5 33.3 23.9 32.7 21-23 12.328 8.826 8.077 7.355 6.485 7.160 8.285 7.641 8.313 8-298 8.54510.549 11.401 926 930 TOTAL OBS 900 900 930 988 930 10952 930 846 930 900 930 37.2 42.6 43.0 39.4 34.1 33.1 MEAN 20.2 25 . B 27.7 30.2 43.7 24.4 29.1 8.918 6.291 7.300 6.752 7.119 7.771 7.136 8.178 8.211 12.364 5. D 8.84710.388 11.534 7198 6768 7439 7198 7430 7198 7438 7438 7440 7198 7439

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USAFETAC FORM 0.89-5 (OLI)

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STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
HTMOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS.
JAN	0-02	100.0	100.0	100.0	99.9	97.3	92.3	81.4	60.2	22.5	81.1	930
	. 3-05	100.0	100.9	100.0	99.8	98.3	92.0	82.6	61.9	23.5	81.5	930
	_6-08	100.5	100.0	100.0	99.7	98.1	92.5	82.5	60.4	25.2	81.7	930
	- 9-11	100.0	100.0	99.9	99.1	97.5	91.5	80.6	57.3	23.5	80.6	930
	12-14	1.0.0	100.0	99.7	98.1	95.1	87.7	72.2	49.4	18.0	77.6	930
	15-17	130.0	100.0	99.9	98.0	94.7	67.7	70.B	49.8	18.1	77.6	930
	_8 -2 0	100.0	100.0	100.0	98.9	95.7	90.2	77.6	57.0	20.8	79.7	930
	21-23	100.0	100.0	100.0	99.4	97.3	92.2	79.1	59.4	21.9	80.6	930
			-						 			
	 	 		+	 					 	 	
10	TALS	1 ,0.0	100.0	99.9	99.1	96.7	98.8	78.3	56.9	21.7	80.1	7440

USAFETAC 0-87-5 (OL A)

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24114 FAIRCHILD AFB WA

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
FEō	0-02	130.0	100.6	99.8	99.8	98•2	94.6	81.1	59.9	20.0	80.9	846
	35	100.0	100.0	160.0	98.6	97.8	94.4	85.2	64.9	24.7	81.9	846
	.6-08	100.0	100.0	100.0	99.1	98.2	94.4	85.6	56.2	25.8	82.4	846
 	9-1	100.0	100.0	99.9	98.8	97.3	91.5	75.7	51.7	18.9	78.9	846
 	12-14	1 0.0	99.9	99.1	97.4	92.1	78.0	54.D	34.5	11.5	72.4	846
	15-17	100.0	100.0	99.1	96.3	90.0	72.2	43.9	32.0	9.8	70.6	846
	-8-20	100.0	100.0	99.6	98.1	95.9	86.4	66.7	41.1	13.4	75.8	846
	∠1 -2 3	160.0	100.0	99.5	98.6	97.2	93.1	77.4	52.8	18.3	79.1	846
				-						 		
	TALS	1.0.0	100.0	99.6	98.2	95.8	88.1	71.8	50.4	17.8	77.8	6768

USAFETAC POMM 0-87-5 (OL A)

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	-,		PERCENTAG	E FREQUENCY	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30*•	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
MAR	0-02	100.0	100.0	100.0	98.8	95.2	86.0	66.6	39.2	13.2	75.5	930
	3-05	190.3	100.0	100.0	99.4	95.8	87.5	73.9	49.8	16.8	78.0	930
	_6-58	130.0	105.0	100.0	99.7	96.4	89.3	73.1	50.5	18.4	78.4	929
	: 9-11-ودا	180.0	100.0	99.7	95.2	84.7	66.9	43.7	23.5	8.7	68-1	930
	12-14	100.0	100.0	96.3	86.2	62.7	37.5	22.5	14.8	6.0	58.5	930
	15-17	100.0	190.0	95.5	81.2	57.B	34.1	21.6	16.3	5.9	56.8	930
	18-2	100.0	100.0	99.7	93.9	89.8	60.2	37.7	21.3	8.4	65.8	930
	21-23	100.0	198.0	100.0	98.3	89.8	76.1	53.5	30.9	11.6	71.6	938
		ļ	-	 		ļ	 		ļ		 	
	 	 	-	 			 	 		-		
	<u> </u>	-	 			 	 		 	-		
TO	TALS	100.0	100.0	98.8	94.1	82.8	67.2	49.1	36.8	11.3	69.1	7439

USAFETAC ROBIN 0-87-5 (OL A)

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA

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STATION

STATION NAME

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MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	•		PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10*•	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
42R	20-02	100.0	100.0	100.0	95.6	86.3	68-1	42.2	23.9	6.4	68.0	900
	_3-35	190.0	100.0	100.0	98.7	93.8	79.6	55.1	32.5	10.2	72.8	899
	6-08	130.0	100.0	99.9	97.7	90.9	73.6	50.7	30.5	16.0	71.1	879
	9-11	150.0	100.0	98.0	84.9	60.9	36.3	20.8	11.0	3.3	57.2	900
	12-14	100.1	99.2	86.4	65.3	34.4	19.4	12.1	4.9	1.9	47.6	900
	15-17	100.0	97.2	79.0	52.3	30.3	17.3	10.7	5.1	1.7	45.2	900
	18-2	100.0	99.2	88.3	79.8	49.3	31.8	18.9	9.4	2.6	52.8	900
	21-23	130.0	100.0	97.7	88.2	71.6	49.0	30.6	14.1	4.1	61.6	900
		-										
TO	TALS	100.0	99.5	93.7	81.1	64.7	46.9	30.1	16.4	5.0	59.5	7198

USAFETAC POM 0-87-5 (OL A)

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA

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STATION NAME

PERIOD

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70:-	80%	90%	RELATIVE	NO OF OBS.
MAY	. 0-02	100.0	120.0	99.2	95.7	82.7	61.9	39.1	19.5	6.5	66+3	930
	23-35	100.0	100.0	100.0	98.2	93.7	80.5	56.6	30.4	11.7	72.6	930
	6-38	120.0	100.0	99.7	96.3	85.4	66.1	40.8	20.8	7.6	67.3	939
	9-11	100.0	99.8	95.3	74.9	49.8	29.1	16.3	8.3	3.1	53.4	929
	12-14	100.0	97.5	78.3	51.9	28.9	17.4	9.2	3.7	1.3	44.4	930
	15-17	100.0	95.8	68.9	48.6	23.2	14.1	9.4	3.4	1.1	41.3	928
	18-27	100.0	98.1	84.7	50.6	38.7	24.4	14.9	7.9	1.8	48.8	927
	21-23	100.0	100.0	96.9	86.2	66.0	43.8	28.9	13.3	4.5	59.8	926
										 -		
			-									
TO	TALS	100.0	98.9	90.4	75.6	58.5	42.2	26.9	13.4	4.7	56.7	7430

USAFETAC POMA 0-87-5 (OL A)

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RELATIVE HUMIDITY

2114 FAIRCHILD AFB HA
STATION NAME

9-78

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20••	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
JUN	0-92	100.0	100.0	99.3	91.6	73.5	52.3	32.3	14.6	3.2	62.4	891
	_3-35	102.9	100.0	99.6	98.1	91.9	74.0	49.2	24.5	4.8	69.8	901
	6-08	100.3	100.0	99.3	95.2	79.4	52.9	33.3	12.7	3.1	63.2	90
	9-11	100.0	99.2	87.4	64.6	38.3	19.8	12.3	4.0	•8	48.5	901
	12-14	100.0	92.3	66.7	37.7	19.2	11.3	6.6	2.7	• 3	39.4	931
	15-17	1:0.0	86.1	52.6	28.0	16.0	10.9	7.1	3.2	•3	36.2	981
	18-2-	120.0	94.4	69.4	44.2	24.8	14.4	9.3	4.5	1.4	41.8	901
	<u> 21-23</u>	100.0	99.7	93.7	75.6	51.2	33.2	19.2	8.2	2.0	54.D	98
		<u> </u>	 					ļ				
		-	 -	 			ļ					
			 	 	 -			<u> </u>				
101	ALS	100.0	95.5	83.8	66.9	49.3	33.7	21.2	9.2	2.1	51.9	719

USAFETAC FORM 0-87-5 (OL A)

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RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA
STATION STATION NAME

69-78

JUL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
JUL	JO-02	100.0	99.4	92.2	71.0	45.8	28.8	17.7	8.1	2.4	52.2	930
	€3-35	100.0	100.0	98.4	89.6	68.0	46.6	27.4	11.0	3.5	60.2	930
	D6 − 08	100.0	100.0	97.1	81.3	54.8	32.4	16.3	7.1	1.8	54.7	929
	9-11	100.0	97.2	70.8	39.0	20.5	9.8	5.2	2.4	.6	40.2	929
	12-14	100.0	77.1	40.8	19.9	8.8	5.2	2.5	1.4	•3	31.1	930
	15-17	99.7	62.0	29.6	15.4	8.3	4.7	2.6	•5	•3	27.8	930
	18-20	99.8	77.0	41.4	22.6	13,3	7.5	4.4	1.4	.3	32.4	930
	21-23	100.0	96.7	74.2	46.2	27.3	17.5	10.3	4.9	1.1	43.4	930
		-									<u> </u>	
το	TALS	99.9	>8.7	68.1	48.1	30.9	19.1	10.8	4.6	1.3	42.8	7438

USAFETAC FORM 0-87-5 (OL A)

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA STATION NAME

69-78

PERIOD

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
AUG	.0-02	100.0	99.1	85.1	62.8	44.7	31.8	18.9	8.1	2.7	51.1	930
	:3-05	100.0	100.0	96.9	81.5	64.6	47.4	29.1	12.3	4.7	59.4	930
	<u>06-G8</u>	100.0	100.0	95.8	81.2	60.4	40.3	24.8	11.7	4.1	57.7	930
	.9-11	100.0	95.8	72.8	47.3	26.7	14.2	7.8	4.1	1.6	42.8	929
	12-14	99.4	74.7	43.7	22.5	12.0	6.6	4.8	1.7	•3	32.4	930
	15-17	98.9	63.0	34.8	18.5	9.0	5.6	3.7	1.7	•5	29.1	929
	18-20	99.7	77.3	46.5	28.5	16.9	10.1	5.8	2.5	.3	34.4	930
	21-23	100.0	96.5	68.4	47.3	32.7	20.9	11.7	4.5	1.0	43.9	930
							 					
												,
TO	TALS	99.8	88.3	68.0	48.6	33.4	22.1	13.3	5.8	1.9	43.9	7438

USAFETAC POMM 0-87-5 (OL A)

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RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA

69-78

SEP

MC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MUNIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
SEP	un-02	100.0	100.0	98.8	87.8	73.3	53.2	36.3	20.8	7.4	63.6	900
	83−05	100.0	100.0	99.9	95.7	85.9	68.2	51.9	29.4	11.8	70.1	900
	û6 - 08	100.0	100.0	99.8	96.4	85.2	68.4	49.7	26.5	10.0	69.1	898
	J9-11	100.0	99.9	91.4	71.0	45.7	29.2	17.0	8.3	2.8	52.2	900
	12-14	100.0	94.0	63.1	38.7	21.8	12.8	9.3	4.4	1.7	40.1	900
	15-17	100.0	89.4	51.8	31.7	16.6	11.2	8.7	3.6	1.4	36.9	900
	18-20	100-0	96.9	73.0	49.4	32.8	20.7	13.6	7.8	3.2	45.3	900
	21-23	160.0	99.7	92.4	73.4	51.8	36.2	22.7	13.3	5.6	55.2	900
	 	 	 					 		 		
	-		-									
10	TALS	100.0	97.5	83.8	68.0	51.8	37.5	26.2	14.3	5.5	54.1	71,98

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

24114	FAIRCHILD AFB	_NA
STATION		STATION NAME

-78

OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN		•	MEAN	TOTAL NO. OF
MONIN	(L 5 T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OES.
OCT_	30-02	130-0	100.0	100.0	95.6	90.0	77.8	56.8	35.2	14.1	72.6	931
	03-05	100.0	100.0	100.0	98.6	94.2	86.5	71.6	47.7	20.1	77.8	931
	6-08	190.0	100.0	100.0	98.6	94.3	86.5	73.4	52.0	21.7	78.4	931
	.9-11	130.0	100.0	97.5	90.8	76.8	56.9	36.2	19.8	7.7	64.4	930
	12-14	100.0	99.1	87.7	66.8	44.6	27.1	16.9	9.2	2.9	51.1	930
	15-17	100.0	98.0	84.0	62.5	39.0	25.7	16.7	9.7	2.6	49.4	931
	18-20	100.0	99.6	95.4	82.8	65.3	44.4	30.4	16.8	5.6	59.8	931
	21-23	150.0	100.0	98.6	94.1	80.1	62.3	44.1	25.4	10.2	67-2	93
		<u> </u>	ļ	<u> </u>		ļ		ļ	ļ			
		ļ	-	ļ				ļ	ļ	ļ <u>. </u>		
		ļ	ļ	ļ						ļ		<u></u>
												
/10	TALS	100.0	99.6	95.4	86.2	73.0	58.4	43.3	27.5	10.6	65-1	744

USAFETAC POME 0-87-5 (OL A)

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RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA
STATION NAME

69-78

NOV

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	' HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN												
	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO, OF OBS.			
NOV	0-02	100.0	100.0	100.0	99.1	97.1	92.4	82.9	65.6	27.8	82.2	900			
	53-05	100.0	100.0	100.0	99.4	98.2	93.1	86.2	68.7	32.9	83.5	900			
	6-08	100.0	100.0	100.0	99.4	97.7	94.1	87.3	70.7	35.6	84.1	908			
	_9-11	100.0	100.0	100.0	98.6	94.8	88.7	76.8	58.8	27.4	80.2	900			
	12-14	100.0	100.0	98.3	95.2	88.2	74.3	59.7	48.2	16.7	72.9	899			
	15-17	100.0	100.0	98.9	95.3	89.6	78.8	62.4	42.0	17.9	74.2	900			
	18-26	100.0	160.0	99.9	98.2	94.9	88.1	77.5	55.1	21.8	79.2	899			
	21-23	100.0	100.0	100.0	98.8	95.8	91.0	81.1	60.4	24.7	80.7	900			
				-			ļ				<u> </u>				
10	TALS	100.0	100.0	99.6	98.0	94.5	87.6	76.7	57.7	25.6	79.6	7198			

USAFETAC POM 0-87-5 (OL A)

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RELATIVE HUMIDITY

24114 FAIRCHILD AFB MA
STATION STATION NAME

-78

DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE	TOTAL
MUNIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	HO OF OBS.
DEC	n - 02	100.0	100.6	100.0	99.7	98.5	96.7	90.2	72.9	29.1	84-1	930
<u></u>	ŭ3−05	100.0	100.0	100.0	99.7	98.5	96.1	90.4	73.0	31.2	84.4	930
	C6-08	100.0	100.0	100.0	99.8	98.3	96.5	92.3	74.0	31.2	84.7	930
	<u> 19-11</u>	100.0	100.0	99.8	99.6	97.3	94.5	88.4	67.5	26.0	82.9	930
ļ	12-14	100.0	100.0	99.7	99.2	96.0	89.9	75.2	55.2	19.8	79.1	929
	15-17	100.0	100.0	99.7	99.4	96.8	92.2	78.6	56.3	19.6	79.7	930
	18-23	100.0	100.0	99.9	99.5	97.8	94.5	85.9	66.7	24.7	82.6	930
	21-23	130.0	100.0	100.0	99.7	98.1	95.1	87.7	67.4	26.5	83-1	930
	 	-	 	 								
Z 70	TALS	100.0	138.0	99.9	99.6	97.7	94.4	86.1	66.6	26.0	82.6	7439

USAFETAC POIM 0-87-5 (OL A)

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RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA

9-79

PERIOD

ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	!		PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	GREATER THAN		MEAN	TOTAL	
	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
JA1.	ALL	130.0	100.0	99.9	99.1	96.7	90.8	78.3	56.9	21.7	80.1	7440
FEB		150.0	100.0	99.6	98.2	95.8	88.1	71.8	50.4	17.8	77.8	6768
MAR		100.0	100.0	98.8	94.1	82.8	67.2	49.1	30.8	11.3	69.1	7439
APR		100.0	99.5	93.7	81.1	64.7	46.9	30.1	16.4	5.0	59•5	7198
YAK		100.0	98.9	90.4	75.6	58.5	42.2	26.9	13.4	4.7	56.7	7430
JUX		100.0	96.5	83.8	66.9	49.3	33.7	21.2	9.2	2.1	51.9	7198
JUL		99.9	88.7	68.1	48.1	30.9	19.1	10.8	4.6	1.3	42.8	7438
AUS		99.8	88.3	68.0	45.6	33.4	22.1	13.3	5.8	1.9	43.9	7430
SEP		100.0	97.5	83.8	68.0	51.8	37.5	26.2	14.3	5.5	54.1	7198
OCT		100.0	99.6	95.4	86.2	73.0	58.4	43.3	27.0	10.6	65.1	7440
NOV		100.0	100.0	99.6	98.0	94.5	87.6	76.7	57.7	25.6	79.6	7198
DEC		100.0	100.0	99.9	99.6	97.7	94.4	86.1	66.6	26.0	82.6	743
TO	TALS	100.0	97.4	90.1	80.3	69.1	57.3	44.5	29.4	11.1	63.6	87624

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

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PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

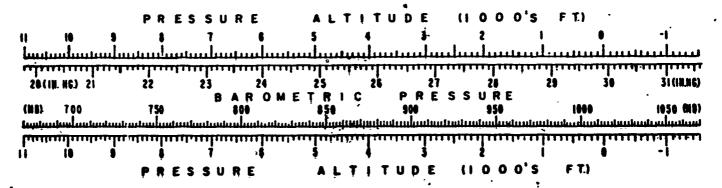
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibers.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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74-3006

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NAME

STATION

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM HOURLY OBSERVATIONS

24114 FAIRCHILD AFB WA 69-79

RS (LST)):	JAN ,	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	27.43	27.4592	27.3462	27.366	27.370	27.357	27.398			27-461	27 • 437	27.409	27.398
01	S D	•257	. 230	.197	.174	.144	-118	. 093	.093	-154	-180	. 224	.276	-190
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300:	310	3652
													i	
	MEAN	27.428	27.4072	27.3442	27.3702	27.3792	27.368	27.410	27.384	27.420	27.462	27.4347	27.404	27.40
^ 4	S D	•259	.233	.199	.176	.147	.118	• £193	.394	-155	.181	.228	-245	-18
	TOTAL OBS	310	282	309	300	310:	300	310	316	300	310	39D:	310	365
													Ī	
	MEAN	27.428	27.4092	27.3572	7.391	27.403	27.391	27.436	27.411	27.441	27.477	27.440	27.408	27.41
7	SD	. 26 G	.235	.202	-177							.231	-245	.18
	TOTAL OBS	310	282	310	309	310	300	310			310	300	310	365
				:									i	
	MEAN	27.450	27.426	27.3742	27.400	27.405	27.394	27.441	27.418	27.451	27.490	27.4592	27.430	27.42
1 ~	SD	.257	.238	.202	.176	.150	.117	.892	.096	-158	.184	.233	.242	.18
	TOTAL OBS	310		- 1	300							300	310	365
					:								1	
	MEAN	27.425	27.410	27.3552	27.379	27.387	27.377	27.422	27.395	27.429	27.464	27.440	27.407	27.40
13	S D	.253	- 1		.178	- 1								.18
	TOTAL OBS		,	\	388	309				47				365
	1								,					
	MEAN	27.423	27.398	27.336	27.358	27.362	27.348	27.391	27.362	27.404	27.448	27.432	27.407	27.38
16	\$. D	.246	·			*							-236	.18
	TOTAL OBS	310			300	309	299	310	309			300	310	364
														
	MEAN	27.421	27.400	27.3370	27.355	27.354	27.339	27.378	27.353	27.404	27.451	27.434	27.410	27.38
19	5. D.	.246				1								.18
-	TOTAL OBS	1	1 1		1							,	_	. 365
	i							1						
	MEAN	27.421	27.404	27.347	27.367	27.367	27.352	27.394	27.367	27.411	27.458	27.436	27.414	27.39
22	S. D	248			.169									.18
~~	TOTAL OBS				1								310	365
				•										
	MEAN	27-428	27.408	27.389	27.373	27.378	27.364	27.409	27.383	27.422	27.464	27.439	27.411	27.40
ALL	S D.	253												.18
HOURS	TOTAL OBS				2490			1 -				, ,		2920
	1:3:::: 320	2700		2410	2700	6713					27/7	2700	E 7.00	

USAFETAC FORM 0-89-5 (OL1)

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

FAIRCHILD AFB WA

24114

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN M3S FROM HOURLY OBSERVATIONS

STATION			STAT	ON NAME						TEARS				
HRS (LST)		JAN	FEB	MAR	APR.	MAY	NUL	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUA
	MEAN	1019.4	1017.9	1014.9	1014.9	1014.2	1613.0	1313.8	1012.9	1015.4	1618.1	1018.5	1017.9	1015
•	S D	1204	8.801	7.394	6.611	5.430	4.612	3.599	3.599	5.860	6.853	8.531	9.544	7.4
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	36
ļ	MEAN	1019.4	1317.8	1014.9	1015.1	1014.6	1913.4	1014.3	1013.4	1015.6	1018.3	1018.4	1018.0	1016
=	5 D	10.255	8.672	7.485	6.731	5.556	4.617	3.623	3.641	5.931	6.920	8.728	9.646	7.4
	TOTAL OBS	310	282	310	300	310	_ 300	310	310	309	31 3	300	310	36
	MEAN	1719.5	1018.1	1015.6	1016.0	1015.5	ī	.015.2	1014.5	1016.6	1019.1	1018.6	1018-2	1016
7	5 D	10.352	9.006	7.639	6.750	5.611	407	3.564	3.674	5.967	7.015	8.867	9.677	7.4
	TOTAL OBS	309	282	310	300	310	و د	310	310	300	318	300	399	36
	MEAN	1320.3	1018.6	1016.0	1016.2	1015.6	1014.3	1015.4	1014.6	1016.5	1019.4	1019.5	1019.1	1017
1 -	5. D	15.247	9.153	7.725	6-683	5.571	4.499	3.524	3.664	5.976	6.993	8-949	9.610	7.1
	TOTAL OBS	1 -	1	310					1		1			36
		<u> </u>				i								
	MEAN	1019.3												
13	S D	13.041											9.448	7.
	TOTAL OBS	310	282	319	308	310	300	310	310	300	310	300	310	31
	MEAN	1919.2	1017.5	1014.5	1914.7	1014.0	1012.7	1013.6	1012.6	1015.0	1017.7	1018-4	1018-2	101
15	S. D	9.791	8.844	7.434	6.395	5.336	4.577	3.544	3.653	5.728	6.810	8.767	9.337	7.
	TOTAL OBS	309	282	310	300	309	299	309	309	299	310	300	310	3
	MEAN	1319.2	1017.7	1014.8	1014.7	1013.7	1012.3	1013.G	1012.3	1015-2	1018.1	1018.6	1018.3	101
19	S D.	9.778	8.729	7.395	6.332	5.213	4.503	3.501	3.555	5.751	6.852	8.713	9.479	7.
	TOTAL OBS	1												3
	, 									<u> </u>				
	MEAN							F	,			,	1018.5	
22	S. D.										6.878			7•:
	TOTAL OBS	310	282	310	300	309	300	310	310	300	316	299	310	3:
	MEAN												1018.3	
ALL HOURS	\$. D.	13.060	8.885	7.515	6.565	5.460	4.587	3.639	3.717	5.880	6.921	8.759	9.544	
HOURS						20.74				3700			24.70	

69-79

USAPETAC TORM 0-89-5 (OL1)

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